§ 429.172 Effluent limitations representing the degree of effluent reduction attainable by the application of the best conventional pollutant control technology (BCT). [Reserved]

§ 429.173 Effluent limitations representing the degree of effluent reduction attainable by the application of the best available technology economically achievable (BAT).

Except as provided in 40 CFR 125.30 through 125.32, any existing point source subject to this subpart must achieve the following effluent limitations representing the degree of effluent reduction attainable by the application of the best available technology economically achievable (BAT): There shall be no discharge of process wastewater pollutants.

§ 429.174 New source performance standards (NSPS).

Any new source subject to this subpart must achieve the following new source performance standards (NSPS): There shall be no discharge of process wastewater pollutants.

§ 429.175 Pretreatment standards for existing sources (PSES).

Any existing source subject to this subpart which introduces process wastewater pollutants into a publicly owned treatment works must comply with 40 CFR part 403.

§ 429.176 Pretreatment standards for new sources (PSNS).

Any new source subject to this subpart which introduces process wastewater pollutants into a publicly owned treatment works must comply with 40 CFR part 403.

PART 430—PULP, PAPER, AND PAPERBOARD POINT SOURCE CATEGORY

GENERAL PROVISIONS

Sec.

Subpart A—Unbleached Kraft Subcategory

Subpart B—Semi-Chemical Subcategory

Subpart C [Reserved]

Subpart D—Unbleached Kraft—Neutral Sulfite Semi-Chemical (Cross Recovery) Subcategory

Subpart E—Paperboard From Wastepaper Subcategory

Subpart F—Dissolving Kraft Subcategory

Subpart G—Market Bleached Kraft Subcategory

Subpart H—BCT Bleached Kraft Subcategory

Subpart I—Fine Bleached Kraft Subcategory

Subpart J—Papergrade Sulfite (Blow Pit Wash) Subcategory

Subpart K—Dissolving Sulfite Pulp Subcategory

Subpart L—Groundwood-Chemi-Mechanical Subcategory

Subpart M—Groundwood-Thermo-Mechanical Subcategory

Subpart N—Groundwood-CMN Papers Subcategory

Subpart O—Groundwood-Fine Papers Subcategory

Subpart P—Soda Subcategory

Subpart Q—Deink Subcategory

Subpart R—Nonintegrated-Fine Papers Subcategory

Subpart S—Nonintegrated-Tissue Papers Subcategory

Subpart T—Tissue From Wastepaper Subcategory

Subpart U—Papergrade Sulfite (Drum Wash) Subcategory

Subpart V—Unbleached Kraft and Semi-Chemical Subcategory

Subpart W—Wastepaper-Molded Products Subcategory

Subpart X—Nonintegrated-Lightweight Papers Subcategory

Subpart Y—Nonintegrated-Filter and Nonwoven Papers Subcategory

Subpart Z—Nonintegrated-Paperboard Subcategory

AUTHORITY: Secs. 301, 304 (b), (c), (e), and (g), 306 (b) and (c), 307 (b) and (c), and 501 of the Clean Water Act (the Federal Water Pollution Control Act Amendments of 1972, as amended by the Clean Water Act of 1977) (the ''Act''); 33 U.S.C. 1311, 1314 (b), (c), (e), and (g), 1316 (b) and (c), 1317 (b) and (c), and 1361; 86 Stat. 816, Pub. L. 92–500; 91 Stat. 1567, Pub. L. 95–217.

SOURCE: 47 FR 52019, Nov. 18, 1982, unless otherwise noted.

GENERAL PROVISIONS

§ 430.00 Applicability.

This part applies to any pulp, paper, or paperboard mill which discharges or may discharge process wastewater pollutants to the waters of the United States, or which introduces or may introduce process wastewater pollutants into a publicly owned treatment works.

§ 430.01 General definitions.

In addition to the definitions set forth in 40 CFR part 401, the following definitions apply to this part:

(a) Production shall be defined as the annual off-the-machine production (including off-the-machine coating where applicable) divided by the number of operating days during that year. Paper and paperboard production shall be measured at the off-the-machine moisture content, except for subparts A, B, D, and E where paper and paperboard production shall be measured in air-dry-tons (10% moisture content). Market pulp shall be measured in air-dry-tons (10% moisture). Production shall be determined for each mill based upon past production practices, present trends, or committed growth.

(b) Wet barking operations shall be defined to include hydraulic barking operations and wet drum barking operations which are those drum barking operations that use substantial quantities of water in either water sprays in the barking drums or in a partial submersion of the drums in a ''tub'' of water.

(c) A non-continuous discharger is a mill which is prohibited by the NPDES authority from discharging pollutants during specific periods of time for reasons other than treatment plant upset control, such periods being at least 24 hours in duration. A mill shall not be deemed a non-continuous discharger unless its permit, in addition to setting forth the prohibition described above, requires compliance with the effluent limitations established for non-continuous dischargers and also requires compliance with maximum day and average of 30 consecutive days effluent limitations. Such maximum day and average of 30 consecutive days effluent limitations for non-continuous dischargers shall be established by the NPDES authority in the form of concentrations which reflect wastewater treatment levels that are representative of the application of the best practicable control technology currently available, the best conventional pollutant control technology, or new source performance standards in lieu of the maximum day and average of 30 consecutive days effluent limitations for conventional pollutants set forth in each subpart.

[47 FR 52019, Nov. 18, 1982; 48 FR 13176, Mar. 30, 1983]

§ 430.02 Monitoring requirements. [Reserved]

Subpart A—Unbleached Kraft Subcategory

§ 430.10 Applicability; description of the unbleached kraft subcategory.

The provisions of this subpart are applicable to discharges resulting from the production of pulp and paper at unbleached kraft mills.

§ 430.11 Specialized definitions.

For the purpose of this subpart, the general definitions, abbreviations, and methods of analysis set forth in 40 CFR part 401 and § 430.01 shall apply to this subpart.

§ 430.12 Effluent limitations representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available (BPT).

Except as provided in 40 CFR 125.30 through 125.32, any existing point source subject to this subpart must achieve the following effluent limitations representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available (BPT).

SUBPART A

Pollutant or pollutant property	BPT effluent limitations	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kg/kkg (or pounds per 1,000 lb) of product	
BOD*5*	5.6	2.8
TSS	12.0	6.0
pH	(1)	(1)

[1] Within the range of 6.0 to 9.0 at all times.

[47 FR 52019, Nov. 18, 1982; 48 FR 13176, Mar. 30, 1983]

§ 430.13 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best conventional pollutant control technology (BCT).

Except as provided in §§ 125.30 through 125.32, any existing point source subject to this subpart shall achieve the following effluent limitations representing the degree of effluent reduction attainable by the application of the best conventional pollutant control technology (BCT): The limitations shall be the same as those specified for conventional pollutants (which are defined in § 401.16) in § 430.12 of this subpart for the best practicable control technology currently available (BPT), except that non-continuous dischargers shall not be subject to the maximum day and average-of-30-consecutive-days limitations, but shall be subject to annual average effluent limitations determined by dividing the average-of-30-consecutive-days limitations for BOD*5* by 1.50 and TSS by 1.67.

[51 FR 45241, Dec. 17, 1986]

§ 430.14 Effluent limitations representing the degree of effluent reduction attainable by the application of the best available technology economically achievable (BAT).

Except as provided in 40 CFR 125.30 through 125.32, any existing point source subject to this subpart where chlorophenolic-containing biocides are used must achieve the following effluent limitations representing the degree of effluent reduction attainable by the application of the best available technology economically achievable (BAT). Non-continuous dischargers shall not be subject to the maximum day mass limitations in kg/kkg (lb/1000 lb), but shall be subject to concentration limitations. Concentration limitations are only applicable to non-continuous dischargers. Permittees not using chlorophenolic-containing biocides must certify to the permit-issuing authority that they are not using these biocides.

SUBPART A

Pollutant or pollutant property	BAT effluent limitations	
	Maximum for any 1 day	
	Kg/kkg (pounds per 1,000 lb)	Milligrams/liter
Pentachlorophenol	0.00058	(0.011)(12.6)/y
Trichlorophenol	0.00053	(0.010)(12.6)/y

y=wastewater discharged in kgal per ton of product.

(Approved by the Office of Management and Budget under control number 2040–0033)

[47 FR 52019, Nov. 18, 1982; 48 FR 13176, Mar. 30, 1983, as amended at 48 FR 31404, July 8, 1983]

§ 430.15 New source performance standards (NSPS).

Any new source subject to this subpart must achieve the following new source performance standards (NSPS), except that non-continuous dischargers shall not be subject to the maximum day and average of 30 consecutive days effluent limitations for BOD*5* and TSS, but shall be subject to annual average effluent limitations determined by dividing the average of 30 consecutive days limitations for BOD5 by 1.91 and TSS by 1.90. Also, for non-continuous dischargers, concentration limitations (mg/l) shall apply, where provided. Concentration limitations will only apply to non-continuous dischargers. Only facilities where chlorophenolic-containing biocides are used shall be subject to pentachlorophenol and trichlorophenol limitations. Permittees not using chlorophenolic-containing biocides must certify to the permit-issuing authority that they are not using these biocides.

SUBPART A

[Facilities where linerboard is produced]

Pollutant or pollutant property	NSPS	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kg/kkg (or pounds per 1,000 lb) of product	
BOD*5*	3.4	1.8
TSS	5.8	3.0
pH	(1)	(1)
	Kg/kkg(lb/1,000 lb) of product	Milligrams/liter
Pentachlorophenol	0.00058	(0.015)(9.4)/y
Trichlorophenol	0.00053	(0.013)(9.4)/y

y=wastewater discharged in kgal per ton of product.

[1] Within the range of 5.0 to 9.0 at all times.

SUBPART A

[Facilities where bag paper and other mixed products are produced]

Pollutant or pollutant property	NSPS	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kg/kkg (or pounds per 1,000 lb) of product	
BOD*5*	5.0	2.7
TSS	9.1	4.8
pH	(1)	(1)
	Kg/kkg(lb/1,000 lb) of product	Milligrams/liter
Pentachlorophenol	0.00058	(0.012)(11.4)/y
Trichlorophenol	0.00053	(0.011)(11.4)/y

y=wastewater discharged in kgal per ton of product.

[1] Within the range of 5.0 to 9.0 at all times.

(Approved by the Office of Management and Budget under control number 2040–0033)

[47 FR 52019, Nov. 18, 1982, as amended at 48 FR 31404, July 8, 1983]

§ 430.16 Pretreatment standards for existing sources (PSES).

(a) Except as provided in 40 CFR 403.7 and 403.13, any existing source subject to this subpart that introduces pollutants into a publicly owned treatment works must (1) comply with 40 CFR part 403 and (2) achieve the following pretreatment standards for existing sources (PSES) if it uses chlorophenolic-containing biocides. Permittees not using chlorophenolic-containing biocides must certify to the permit-issuing authority that they are not using those biocides. PSES must be attained on or before July 1, 1984.

SUBPART A

Pollutant or pollutant property	PSES
	Maximum for any 1 day
	Milligrams per liter (mg/l)
Pentachlorophenol	(0.011)(12.6)/y
Trichlorophenol	(0.010)(12.6)/y

y=wastewater discharged in kgal per ton of product.

(b) In cases when POTWs find it necessary to impose mass effluent limitations, the following equivalent mass limitations are provided as guidance:

SUBPART A

Pollutant or pollutant property	PSES
	Maximum for any 1 day
	Kg/kkg (or pounds per 1,000 lb) of product
Pentachlorophenol	0.00058
Trichlorophenol	0.00053

(Approved by the Office of Management and Budget under control number 2040–0033)

[47 FR 52019, Nov. 18, 1982, as amended at 48 FR 31404, July 8, 1983]

§ 430.17 Pretreatment standards for new sources (PSNS).

(a) Except as provided in 40 CFR 403.7, any new source subject to this subpart that introduces pollutants into a publicly owned treatment works must (1) comply with 40 CFR part 403 and (2) achieve the following pretreatment standards for new sources (PSNS) if it uses chlorophenolic-containing biocides. Permittees not using chlorophenolic-containing biocides must certify to the permit-issuing authority that they are not using these biocides.

SUBPART A

[Facilities where linerboard is produced]

Pollutant or pollutant property	PSNS
	Maximum for any 1 day
	Milligrams per liter (mg/l)
Pentachlorophenol	(0.015)(9.4)/y
Trichlorophenol	(0.013)(9.4)/y

y=wastewater discharge in kgal per ton of product.

Subpart A

[Facilities where bag paper and other mixed products are produced]

Pollutant or pollutant property	PSNS
	Maximum for any 1 day
	Milligrams per liter (mg/l)
Pentachlorophenol	(0.012)(11.4)/y
Trichlorophenol	(0.011)(11.4)/y

y=wastewater discharge in kgal per ton of product.

(b) In cases when POTWs find it necessary to impose mass effluent limitations, the following equivalent mass limitations are provided as guidance:

Subpart A

[Facilities where linerboard is produced]

Pollutant or pollutant property	PSNS
	Maximum for any 1 day
	Kg/kkg (or pounds per 1,000 lb) of product
Pentachlorophenol	0.00058
Trichlorophenol	0.00053

Subpart A

[Facilities where bag paper and other mixed products are produced]

Pollutant or pollutant property	PSNS
	Maximum for any 1 day
	Kg/kkg (or pounds per 1,000 lb) of product
Pentachlorophenol	0.00058
Trichlorophenol	0.00053

(Approved by the Office of Management and Budget under control number 2040–0033)

[47 FR 52019, Nov. 18, 1982; 48 FR 13176, Mar. 30, 1983, as amended at 48 FR 31404, July 8, 1983]

Subpart B—Semi-Chemical Subcategory

§ 430.20 Applicability; description of the semi-chemical subcategory.

The provisions of this subpart are applicable to discharges resulting from the integrated production of pulp and paper at semi-chemical mills.

§ 430.21 Specialized definitions.

For the purpose of this subpart, the general definitions, abbreviations, and methods of analysis set forth in 40 CFR part 401 and § 430.01 shall apply to this subpart.

§ 430.22 Effluent limitations representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available (BPT).

Except as provided in 40 CFR 125.30 through 125.32, any existing point source subject to this subpart must achieve the following effluent limitations representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available (BPT).

SUBPART B

[Ammonia base mills]

Pollutant or pollutant property	BPT effluent limitations	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kg/kkg (or pounds per 1,000 lb) of product	
BOD*5*	8.0	4.0
TSS	10.0	5.0
pH	(1)	(1)

[1] Within the range of 6.0 to 9.0 at all times.

SUBPART B

[Sodium base mills]

Pollutant or pollutant property	BPT effluent limitations	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kg/kkg (or pounds per 1,000 lb) of product	
BOD*5*	8.7	4.35
TSS	11.0	5.5
pH	(1)	(1)

[1] Within the range of 6.0 to 9.0 at all times.

[47 FR 52019, Nov. 18, 1982; 48 FR 13176, Mar. 30, 1983]

§ 430.23 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best conventional pollutant control technology (BCT).

Except as provided in §§ 125.30 through 125.32, any existing point source subject to this subpart shall achieve the following effluent limitations representing the degree of effluent reduction attainable by the application of the best conventional pollutant control technology (BCT): The limitations shall be the same as those specified for conventional pollutants (which are defined in § 401.16) in § 430.22 of this subpart for the best practicable control technology currently available (BPT), except that non-continuous dischargers shall not be subject to the maximum day and average-of-30-consecutive-days limitations, but shall be subject to annual average effluent limitations determined by dividing the average-of-30-consecutive-days limitations for BOD5 by 1.36 and TSS by 1.36.

[51 FR 45241, Dec. 17, 1986]

§ 430.24 Effluent limitations representing the degree of effluent reduction attainable by the application of the best available technology economically achievable (BAT).

Except as provided in 40 CFR 125.30 through 125.32, any existing point source subject to this subpart where chlorophenolic-containing biocides are used must achieve the following effluent limitations representing the degree of effluent reduction attainable by the application of the best available technology economically achievable (BAT). Non-continuous dischargers shall not be subject to the maximum day mass limitations in kg/kkg (lb/1000 lb), but shall be subject to concentration limitations. Concentration limitations are only applicable to non-continuous dischargers. Permittees not using chlorophenolic-containing biocides must certify to the permit-issuing authority that they are not using these biocides.

SUBPART B

Pollutant or pollutant property	BAT effluent limitations	
	Maximum for any 1 day	
	Kg/kkg (pounds per 1,000 lb)	Milligrams/liter
Pentachlorophenol	0.0012	(0.029)(10.3)/y
Trichlorophenol	0.00043	(0.010)(10.3)/y

y=wastewater discharged in kgal per ton of product.

(Approved by the Office of Management and Budget under control number 2040–0033)

[47 FR 52019, Nov. 18, 1982; 48 FR 13176, Mar. 30, 1983, as amended at 48 FR 31404, July 8, 1983]

§ 430.25 New source performance standards (NSPS).

Any new source subject to this subpart must achieve the following new source performance standards (NSPS), except that non-continuous dischargers shall not be subject to the maximum day and average of 30 consecutive days effluent limitations for BOD5 and TSS, but shall be subject to annual average effluent limitations determined by dividing the average of 30 consecutive days limitations for BOD5 by 1.91 and TSS by 1.90. Also, for non-continuous dischargers, concentration limitations (mg/l) shall apply, where provided. Concentration limitations will only apply to non-continuous dischargers. Only facilities where chlorophenolic-containing biocides are used shall be subject to pentachlorophenol and trichlorophenol limitations. Permittees not using chlorophenolic-containing biocides must certify to the permit-issuing authority that they are not using these biocides.

SUBPART B

Pollutant or pollutant property	NSPS	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kg/kkg (or pounds per 1,000 lb) of product	
BOD*5*	3.0	1.6
TSS	5.8	3.0
pH	(1)	(1)
	Kg/kkg(lb/ 1,000 lb) of product	Milligrams/liter
Pentachlorophenol	0.0012	(0.041)(7.3)/y
Trichlorophenol	0.00043	(0.014)(7.3)/y

y=wastewater discharged in kgal per ton of product.

[1] Within the range of 5.0 to 9.0 at all times.

(Approved by the Office of Management and Budget under control number 2040–0033)

[47 FR 52019, Nov. 18, 1982, as amended at 48 FR 31404, July 8, 1983]

§ 430.26 Pretreatment standards for existing sources (PSES).

(a) Except as provided in 40 CFR 403.7 and 403.13, any existing source subject to this subpart that introduces pollutants into a publicly owned treatment works must (1) comply with 40 CFR part 403 and (2) achieve the following pretreatment standards for existing sources (PSES) if it uses chlorophenolic-containing biocides. Permittees not using chlorophenolic-containing biocides must certify to the permit-issuing authority that they are not using these biocides. PSES must be attained on or before July 1, 1984.

SUBPART B

Pollutant or pollutant property	PSES
	Maximum for any 1 day
	Milligrams per liter (mg/l)
Pentachlorophenol	(0.032)(10.3)/y
Trichlorophenol	(0.010)(10.3)/y

y=wastewater discharged in kgal per ton of product.

(b) In cases when POTW's find it necessary to impose mass effluent limitations, the following equivalent mass limitations are provided as guidance:

SUBPART B

Pollutant or pollutant property	PSES
	Maximum for any 1 day
	Kg/kkg (or pounds per 1,000 lb) of product
Pentachlorophenol	0.0014
Trichlorophenol	0.00043

(Approved by the Office of Management and Budget under control number 2040–0033)

[47 FR 52019, Nov. 18, 1982, as amended at 48 FR 31404, July 8, 1983]

§ 430.27 Pretreatment standards for new sources (PSNS).

(a) Except as provided in 40 CFR 403.7, any new source subject to this subpart that introduces pollutants into a publicly owned treatment works must (1) comply with 40 CFR part 403 and (2) achieve the following pretreatment standards for new sources (PSNS) if it uses chlorophenolic-containing biocides. Permittees not using chlorophenolic-containing biocides must certify to the permit-issuing authority that they are not using these biocides.

SUBPART B

Pollutant or pollutant property	PSNS
	Maximum for any 1 day
	Milligrams per liter (mg/l)
Pentachlorophenol	(0.045)(7.3)/y
Trichlorophenol	(0.014)(7.3)/y

y=wastewater discharge in kgal per ton of product.

(b) In cases when POTW's find it necessary to impose mass effluent limitations, the following equivalent mass limitations are provided as guidance:

Subpart B

Pollutant or pollutant property	PSNS
	Maximum for any 1 day
	Kg/kkg (or pounds per 1,000 lb) of product
Pentachlorophenol	0.0014
Trichlorophenol	0.00043

(Approved by the Office of Management and Budget under control number 2040–0033)

[47 FR 52019, Nov. 18, 1982, as amended at 48 FR 31404, July 8, 1983]

Subpart C [Reserved]

Subpart D—Unbleached Kraft—Neutral Sulfite Semi-Chemical (Cross Recovery) Subcategory

§ 430.40 Applicability; description of the unbleached kraft-neutral sulfite semi-chemical (cross recovery) subcategory.

The provisions of this subpart are applicable to discharges resulting from the production of pulp and paper at unbleached kraft-neutral sulfite semi-chemical (cross recovery) mills.

§ 430.41 Specialized definitions.

For the purpose of this subpart, the general definitions, abbreviations, and methods of analysis set forth in 40 CFR part 401 and §430.01 shall apply to this subpart.

§ 430.42 Effluent limitations representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available (BPT).

Except as provided in 40 CFR 125.30 through 125.32, any existing point source subject to this subpart must achieve the following effluent limitations representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available (BPT).

SUBPART D

Pollutant or pollutant property	BPT effluent limitations	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kg/kkg (or pounds per 1,000 lb) of product	
BOD*5*	8.0	4.0
TSS	12.5	6.25
pH	(1)	(1)

[1] Within the range of 6.0 to 9.0 at all times.

[47 FR 52019, Nov. 18, 1982; 48 FR 13176, Mar. 30, 1983]

§ 430.43 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best conventional pollutant control technology (BCT).

BCT effluent limitations for unbleached kraft-neutral sulfite semi-chemical (cross recovery) mills are presented in subpart V.

[51 FR 45241, Dec. 17, 1986]

§ 430.44 Effluent limitations representing the degree of effluent reduction attainable by the application of the best available technology economically achievable (BAT).

BAT effluent limitations for unbleached kraft-neutral sulfite semi-chemical (cross recovery) mills are presented in subpart V.

§ 430.45 New source performance standards (NSPS).

NSPS for unbleached kraft-neutral sulfite semi-chemical (cross recovery) mills are presented in subpart V.

§ 430.46 Pretreatment standards for existing sources (PSES).

PSES for unbleached kraft-neutral sulfite semi-chemical (cross recovery) mills are presented in subpart V.

§ 430.47 Pretreatment standards for new sources (PSNS).

PSNS for unbleached kraft-neutral sulfite semi-chemical (cross recovery) mills are presented in subpart V.

Subpart E—Paperboard From Wastepaper Subcategory

§ 430.50 Applicability; description of the paperboard from wastepaper subcategory.

The provisions of this subpart are applicable to discharges resulting from the production of paperboard from wastepaper.

§ 430.51 Specialized definitions.

For the purpose of this subpart:

(a) Except as provided below, the general definitions, abbreviations, and methods of analysis set forth in 40 CFR part 401 and §430.01 shall apply to this subpart.

(b) Noncorrugating medium furnish subdivision mills are mills where recycled corrugating medium is not used in the production of paperboard.

(c) Corrugating medium furnish subdivision mills are mills where only recycled corrugating medium is used in the production of paperboard.

§ 430.52 Effluent limitations representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available (BPT).

Except as provided in 40 CFR 125.30 through 125.32, any existing point source subject to this subpart must achieve the following effluent limitations representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available (BPT).

SUBPART E

[Noncorrugating medium finish subdivision]

Pollutant or pollutant property	BPT effluent limitations	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kg/kkg (or pounds per 1,000 lb) of product	
BOD*5*	3.0	1.5
TSS	5.0	2.5
pH	(1)	(1)

[1] Within the range of 6.0 to 9.0 at all times.

SUBPART E

[Corrugating medium finish subdivision]

Pollutant or pollutant property	BPT effluent limitations	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kg/kkg (or pounds per 1,000 lb) of product	
BOD*5*	5.7	2.8
TSS	9.2	4.6
pH	(1)	(1)

[1] Within the range of 6.0 to 9.0 at all times.

[47 FR 52019, Nov. 18, 1982; 48 FR 13176–13177, Mar. 30, 1983]

§ 430.53 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best conventional pollutant control technology (BCT).

Except as provided in §§ 125.30 through 125.32, any existing point source subject to this subpart shall achieve the following effluent limitations representing the degree of effluent reduction attainable by the application of the best conventional pollutant control technology (BCT): The limitations shall be the same as those specified for conventional pollutants (which are defined in § 401.16) in § 430.52 of this subpart for the best practicable control technology currently available (BPT), except that non-continuous dischargers shall not be subject to the maximum day and average-of-30-consecutive-days limitations, but shall be subject to annual average effluent limitations determined by dividing the average-of-30-consecutive-days limitations for BOD*5* by 1.77 and TSS by 2.18.

[51 FR 45241, Dec. 17, 1986]

§ 430.54 Effluent limitations representing the degree of effluent reduction attainable by the application of the best available technology economically achievable (BAT).

Except as provided in 40 CFR 125.30 through 125.32, any existing point source subject to this subpart where chlorophenolic-containing biocides are used must achieve the following effluent limitations representing the degree of effluent reduction attainable by the application of the best available technology economically achievable (BAT). Non-continuous dischargers shall not be subject to the maximum day mass limitations in kg/kkg (lb./1000 lb), but shall be subject to concentration limitations. Concentration limitations are only applicable to non-continuous dischargers. Permittees not using chlorophenolic-containing biocides must certify to the permit-issuing authority that they are not using these biocides.

SUBPART E

Pollutant or pollutant property	BAT effluent limitations	
	Maximum for any 1 day	
	Kg/kkg (pounds per 1,000 lb)	Milligrams/liter
Pentachlorophenol	0.00087	(0.029)(7.2)/y
Trichlorophenol	0.00030	(0.010)(7.2)/y

y=wastewater discharged in kgal per ton of product.

(Approved by the Office of Management and Budget under control number 2040–0033)

[47 FR 52019, Nov. 18, 1982, as amended at 48 FR 31404, July 8, 1983]

§ 430.55 New source performance standards (NSPS).

Any new source subject to this subpart must achieve the following new source performance standards (NSPS), except that non-continuous dischargers shall not be subject to the maximum day and average of 30 consecutive days effluent limitations for BOD*5* and TSS, but shall be subject to annual average effluent limitations determined by dividing the average of 30 consecutive days limitations for BOD*5* by 1.91 and TSS by 1.90. Also, for non-continuous dischargers, concentration limitations (mg/l) shall apply, where provided. Concentration limitations will only apply to non-continuous dischargers. Only facilities where chlorophenolic-containing biocides are used shall be subject to pentachlorophenol and trichlorophenol limitations. Permittees not using chlorophenolic-containing biocides must certify to the permit-issuing authority that they are not using these biocides.

SUBPART E

[Noncorrugating medium finish subdivision]

Pollutant or pollutant property	NSPS	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kg/kkg (or pounds per 1,000 lb) of product	
BOD*5*	2.6	1.4
TSS	3.5	1.8
pH	(1)	(1)
	Kg/kkg(lb/1,000 lb) of product	Milligrams/liter
Pentachlorophenol	0.00087	(0.065)(3.2)/y
Trichlorophenol	0.00030	(0.023)(3.2)/y

y=wastewater discharged in kgal per ton of product.

[1] Within the range of 5.0 to 9.0 at all times.

SUBPART E

[Corrugating medium finish subdivision]

Pollutant or pollutant property	NSPS	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kg/kkg (or pounds per 1,000 lb) of product	
BOD*5*	3.9	2.1
TSS	4.4	2.3
pH	(1)	(1)
	Kg/kkg(lb/1,000 lb) of product	Milligrams/liter
Pentachlorophenol	0.00087	(0.065)(3.2)/y
Trichlorophenol	0.00030	(0.023)(3.2)/y

y=wastewater discharged in kgal per ton of product.

[1] Within the range of 5.0 to 9.0 at all times.

(Approved by the Office of Management and Budget under control number 2040–0033)

[47 FR 52019, Nov. 18, 1982; 48 FR 13177, Mar. 30, 1983, as amended at 48 FR 31404, July 8, 1983]

§ 430.56 Pretreatment standards for existing sources (PSES).

(a) Except as provided in 40 CFR 403.7 and 403.13, any existing source subject to this subpart that introduces pollutants into a publicly owned treatment works must (1) comply with 40 CFR part 403 and (2) achieve the following pretreatment standards for existing sources (PSES) if it uses chlorophenolic-containing biocides. Permittees not using chlorophenolic-

containing biocides must certify to the permit-issuing authority that they are not using these biocides. PSES must be attained on or before July 1, 1984.

SUBPART E

Pollutant or pollutant property	PSES
	Maximum for any 1 day
	Milligrams per liter (mg/l)
Pentachlorophenol	(0.032)(7.2)/y
Trichlorophenol	(0.010)(7.2)/y

y=wastewater discharged in kgal per ton of product.

(b) In cases when POTWs find it necessary to impose mass effluent limitations, the following equivalent mass limitations are provided as guidance:

SUBPART E

Pollutant or pollutant property	PSES
	Maximum for any 1 day
	Kg/kkg (or pounds per 1,000 lb) of product
Pentachlorophenol	0.00096
Trichlorophenol	0.00030

(Approved by the Office of Management and Budget under control number 2040–0033)

[47 FR 52019, Nov. 18, 1982; 48 FR 13177, Mar. 30, 1983, as amended at 48 FR 31404, July 8, 1983]

§ 430.57 Pretreatment standards for new sources (PSNS).

(a) Except as provided in 40 CFR 403.7, any new source subject to this subpart that introduces pollutants into a publicly owned treatment works must (1) comply with 40 CFR part 403 and (2) achieve the following pretreatment standards for new sources (PSNS) if it uses chlorophenolic-containing biocides. Permittees not using chlorophenolic-containing bioides must certify to the permit-issuing authority that they are not using these biocides.

SUBPART E

Pollutant or pollutant property	PSNS
	Maximum for any 1 day
	Milligrams per liter (mg/l)
Pentachlorophenol	(0.072)(3.2)/y
Trichlorophenol	(0.023)(3.2)/y

y=wastewater discharge in kgal per ton of product.

(b) In cases when POTWs find it necessary to impose mass effluent limitations, the following equivalent mass limitations are provided as guidance:

SUBPART E

Pollutant or pollutant property	PSNS
	Maximum for any 1 day
	Kg/kkg (or pounds per 1,000 lb) of product
Pentachlorophenol	0.00096
Trichlorophenol	0.00030

(Approved by the Office of Management and Budget under control number 2040–0033)

[47 FR 52019, Nov. 18, 1982, as amended at 48 FR 31404, July 8, 1983]

Subpart F—Dissolving Kraft Subcategory

§ 430.60 Applicability; description of the dissolving kraft subcategory.

The provisions of this subpart are applicable to discharges resulting from the production of dissolving pulp at kraft mills.

§ 430.61 Specialized definitions.

For the purpose of this subpart, the general definitions, abbreviations, and methods of analysis set forth in 40 CFR part 401 and § 430.01 shall apply to this subpart.

§ 430.62 Effluent limitations representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available (BPT).

(a) Except as provided in 40 CFR 125.30 through 125.32, any existing point source subject to this subpart must achieve the following effluent limitations representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available (BPT), except that noncontinuous dischargers shall not be subject to the maximum day and average of 30 consecutive days limitations, but shall be subject to annual average effluent limitations determined by dividing the average of 30 consecutive days limitations for BOD5 by 1.78 and TSS by 1.82.

SUBPART F

Pollutant or pollutant property	BPT effluent limitations	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kg/kkg (or pounds per 1,000 lb) of product	
BOD*5*	23.6	12.25
TSS	37.3	20.05
pH	(1)	(1)

1 Within the range of 5.0 to 9.0 at all times.

(b) The following limitations establish the quantity or quality of pollutants or pollutant properties, controlled by this section, resulting from the use of wet barking operations, which may be discharged by a point source subject to the provisions of this subpart. These limitations are in addition to the limitations set forth in paragraph (a) of this section and shall be calculated using the proportion of the mill's total production due to use of logs which are subject to such operations. Noncontinuous dischargers shall not be subject to the maximum day and average of 30 consecutive days limitations, but shall be subject to annual average effluent limitations determined by dividing the average of 30 consecutive days limitations for BOD*5* by 1.79 and TSS by 1.88.

SUBPART F

Pollutant or pollutant property	BPT effluent limitations	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kg/kkg (or pounds per 1,000 lb) of product	
BOD*5*	3.2	1.7
TSS	6.9	3.75
pH	(1)	(1)

1 Within the range of 5.0 to 9.0 at all times.

(c) The following limitations establish the quantity or quality of pollutants or pollutant parameters, controlled by this section, resulting from the use of log washing or chip washing operations, which may be discharged by a point source subject to the provisions of this subpart. These limitations are in addition to the limitations set forth in paragraph (a) of this section and shall be calculated using the proportion of the mill's total production due to use of logs and/or chips which are subject to such operations. Noncontinuous dischargers shall not be subject to the maximum day and average of 30 consecutive days limitations, but shall be subject to annual average effluent limitations determined by dividing the average of 30 consecutive days limitations for BOD*5* by 2.00 and TSS by 2.00.

SUBPART F

Pollutant or pollutant property	BPT effluent limitations	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kg/kkg (or pounds per 1,000 lb) of product	
BOD*5*	0.35	0.2
TSS	0.70	0.4
pH	(1)	(1)

1 Within the range of 5.0 to 9.0 at all times.

(d) The following limitations establish the quantity or quality of pollutants or pollutant properties, controlled by this section, resulting from the use of log flumes or log ponds, which may be discharged by a point source subject to the provisions of this subpart. These limitations are in addition to the limitations set forth in paragraph (a) of this section and shall be calculated using the proportion of the mill's total production due to use of logs which are subject to such operations. Noncontinuous dischargers shall not be subject to the maximum day and average of 30 consecutive days limitations, but shall be subject to annual average effluent limitations determined by dividing the average of 30 consecutive days limitations for BOD*5* by 1.75 and TSS by 2.00.

SUBPART F

Pollutant or pollutant property	BPT effluent limitations	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kg/kkg (or pounds per 1,000 lb) of product	
BOD*5*	0.6	0.35
TSS	1.45	0.8
pH	(1)	(1)

[1] Within the range of 5.0 to 9.0 at all times.

§ 430.63 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best conventional pollutant control technology (BCT).

Except as provided in §§ 125.30 through 125.32, any existing point source subject to this subpart shall achieve the following effluent limitations representing the degree of effluent reduction attainable by the application of the best conventional pollutant control technology (BCT): The limitations shall be the same as those specified for conventional pollutants (which are defined in § 401.16) in § 430.62 of this subpart for the best practicable control technology currently available (BPT).

[51 FR 45240, Dec. 17, 1986]

§ 430.64 Effluent limitations representing the degree of effluent reduction attainable by the application of the best available technology economically achievable (BAT).

Except as provided in 40 CFR 125.30 through 125.32, any existing point source subject to this subpart where chlorophenolic-containing biocides are used must achieve the following effluent limitations representing the degree of effluent reduction attainable by the application of the best available technology economically achievable (BAT). Non-continuous dischargers shall not be subject to the maximum day mass limitations in kg/kkg (lb/1000 lb), but shall be subject to concentration limitations. Concentration limitations are only applicable to non-continuous dischargers. Permittees not using chlorophenolic-containing biocides must certify to the permit-issuing authority that they are not using these biocides.

SUBPART F

Pollutant or pollutant property	BAT effluent limitations	
	Maximum for any 1 day	
	Kg/kkg (pounds per 1,000 lb)	Milligrams/liter
Pentachlorophenol	0.0025	(0.011)(55.1)/y
Trichlorophenol	0.016	(0.068)(55.1)/y

y=wastewater discharged in kgal per ton of product.

(Approved by the Office of Management and Budget under control number 2040–0033)

[47 FR 52019, Nov. 18, 1982, as amended at 48 FR 31404, July 8, 1983]

§ 430.65 New source performance standards (NSPS).

Any new source subject to this subpart must achieve the following new source performance standards (NSPS), except that non-continuous dischargers shall not be subject to the maximum day and average of 30 consecutive days effluent limitations for BOD*5* and TSS, but shall be subject to annual average effluent limitations determined by dividing the average of 30 consecutive days limitations for BOD*5* by 1.91 and TSS by 1.90. Also, for non-continuous dischargers, concentration limitations (mg/l) shall apply, where provided. Concentration limitations will only apply to non-continuous dischargers. Only facilities where chlorophenolic-containing biocides are used shall be subject to pentachlorophenol and trichlorophenol limitations. Permittees not using chlorophenolic-containing biocides must certify to the permit-issuing authority that they are not using these biocides.

SUBPART F

Pollutant or pollutant property	NSPS	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kg/kkg (or pounds per 1,000 lb) of product	
BOD*5*	15.6	8.4
TSS	27.3	14.3
pH	(1)	(1)
	Kg/kkg(lb/ 1,000 lb) of product	Milligrams/liter
Pentachlorophenol	0.0025	(0.012)(50.7)/y
Trichlorophenol	0.016	(0.074)(50.7)/y

y=wastewater discharged in kgal per ton of product.

[1] Within the range of 5.0 to 9.0 at all times.

(Approved by the Office of Management and Budget under control number 2040–0033)

[47 FR 52019, Nov. 18, 1982, as amended at 48 FR 31404, July 8, 1983]

§ 430.66 Pretreatment standards for existing sources (PSES).

(a) Except as provided in 40 CFR 403.7 and 403.13, any existing source subject to this subpart that introduces pollutants into a publicly owned treatment works must (1) comply with 40 CFR part 403 and (2) achieve the following pretreatment standards for existing sources (PSES) if it uses chlorophenolic-containing biocides. Permittees not using chlorophenolic-containing biocides must certify to the permit-issuing authority that they are not using these biocides. PSES must be attained on or before July 1, 1984.

SUBPART F

Pollutant or pollutant property	PSES
	Maximum for any 1 day
	Milligrams per liter (mg/l)
Pentachlorophenol	(0.011)(55.1)/y
Trichlorophenol	(0.082)(55.1)/y

y=wastewater discharged in kgal per ton of product.

(b) In cases when POTWs find it necessary to impose mass effluent limitations, the following equivalent mass limitations are provided as guidance:

SUBPART F

Pollutant or pollutant property	PSES
	Maximum for any 1 day
	Kg/kkg (or pounds per 1,000 lb) of product
Pentachlorophenol	0.0025
Trichlorophenol	0.019

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[47 FR 52019, Nov. 18, 1982, as amended at 48 FR 31404, July 8, 1983]

§ 430.67 Pretreatment standards for new sources (PSNS).

(a) Except as provided in 40 CFR 403.7, any new source subject to this subpart that introduces pollutants into a publicly owned treatment works must (1) comply with 40 CFR part 403 and (2) achieve the following pretreatment standards for new sources (PSNS) if it uses chlorophenolic-containing biocides. Permittees not using chlorophenolic-containing biocides must certify to the permit-issuing authority that they are not using these biocides.

SUBPART F

Pollutant or pollutant property	PSES
	Maximum for any 1 day
	Milligrams per liter (mg/l)
Pentachlorophenol	(0.012)(50.7)/y
Trichlorophenol	(0.089)(50.7)/y

y=wastewater discharged in kgal per ton of product.

(b) In cases when POTWs find it necessary to impose mass effluent limitations, the following equivalent mass limitations are provided as guidance:

SUBPART F

Pollutant or pollutant property	PSES
	Maximum for any 1 day
	Kg/kkg (or pounds per 1,000 lb) of product
Pentachlorophenol	0.0025
Trichlorophenol	0.019

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[47 FR 52019, Nov. 18, 1982, as amended at 48 FR 31404, July 8, 1983]

Subpart G—Market Bleached Kraft Subcategory

§ 430.70 Applicability; description of the market bleached kraft subcategory.

The provisions of this subpart are applicable to discharges resulting from the production of market pulp at bleached kraft mills.

§ 430.71 Specialized definitions.

For the purpose of this subpart, the general definitions, abbreviations, and methods of analysis set forth in 40 CFR part 401 and § 430.01 shall apply to this subpart.

§ 430.72 Effluent limitations representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available (BPT).

(a) Except as provided in 40 CFR 125.30 through 125.32, any existing point source subject to this subpart must achieve the following effluent limitations representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available (BPT), except that noncontinuous discharges shall not be subject to the maximum day and average of 30 consecutive days limitations, but shall be subject to annual average effluent limitations determined by dividing the average of 30 consecutive days limitations for BOD5 by 1.78 and TSS by 1.82.

SUBPART G

Pollutant or pollutant property	BPT effluent limitations	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kg/kkg (or pounds per 1,000 lb) of product	
BOD*5*	15.45	8.05
TSS	30.4	16.4
pH	(1)	(1)

[1] Within the range of 5.0 to 9.0 at all times.

(b) The following limitations establish the quantity or quality of pollutants or pollutant properties, controlled by this section, resulting from the use of wet barking operations, which may be discharged by a point source subject to the provisions of this subpart. These limitations are in addition to the limitations set forth in paragraph (a) of this section and shall be calculated using the proportion of the mill's total production due to use of logs which are subject to such operations. Noncontinuous dischargers shall not be subject to the maximum day and average of 30 consecutive days limitations, but shall be subject to annual average effluent limitations determined by dividing the average of 30 consecutive days limitations for BOD5 by 1.71 and TSS by 1.84.

SUBPART G

Pollutant or pollutant property	BPT effluent limitations	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kg/kkg (or pounds per 1,000 lb) of product	
BOD*5*	2.3	1.2
TSS	5.3	2.85
pH	(1)	(1)

[1] Within the range of 5.0 to 9.0 at all times.

(c) The following limitations establish the quantity or quality of pollutants or pollutant parameters, controlled by this section, resulting from the use of log washing or chip washing operations, which may be discharged by a point source subject to the provisions of this subpart. These limitations are in addition to the limitations set forth in paragraph (a) of this section and shall be calculated using the proportion of the mill's total production due to use of logs and/or chips which are subject to such operations. Noncontinuous dischargers shall not be subject to the maximum day and average of 30 consecutive days limitations, but shall be subject to annual average effluent limitations determined by dividing the average of 30 consecutive days limitations for BOD5 by 1.00 and TSS by 2.00.

SUBPART G

Pollutant or pollutant property	BPT effluent limitations	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kg/kkg (or pounds per 1,000 lb) of product	
BOD*5*	0.2	0.1
TSS	0.6	0.3
pH	(1)	(1)

[1] Within the range of 5.0 to 9.0 at all times.

(d) The following limitations establish the quantity or quality of pollutants or pollutant properties, controlled by this section, resulting from the use of log flumes or log ponds, which may be discharged by a point source subject to the provisions of this subpart. These limitations are in addition to the limitations set forth in paragraph (a) of this section and shall be calculated using the proportion of the mill's total production due to use of logs which are subject to such operations. Non-continuous dischargers shall not be subject to the maximum day and average of 30 consecutive days limitations, but shall be subject to annual average effluent limitations determined by dividing the average of 30 consecutive days limitations for BOD*5* by 1.33 and TSS by 1.71.

SUBPART G

Pollutant or pollutant property	BPT effluent limitations	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kg/kkg (or pounds per 1,000 lb) of product	
BOD*5*	0.4	0.2
TSS	1.15	0.6
pH	(1)	(1)

[1] Within the range of 5.0 to 9.0 at all times.

§ 430.73 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best conventional pollutant control technology (BCT).

Except as provided in §§ 125.30 through 125.32, any existing point source subject to this subpart shall achieve the following effluent limitations representing the degree of effluent reduction attainable by the application of the best conventional pollutant control technology (BCT): The limitations shall be the same as those specified for conventional pollutants (which are defined in § 401.16) in § 430.72 of this subpart for the best practicable control technology currently available (BPT).

[51 FR 45240, Dec. 17, 1986]

§ 430.74 Effluent limitations representing the degree of effluent reduction attainable by the application of the best available technology economically achievable (BAT).

Except as provided in 40 CFR 125.30 through 125.32, any existing point source subject to this subpart where chlorophenolic-containing biocides are used must achieve the following effluent limitations representing the degree of effluent reduction attainable by the application of the best available technology economically achievable (BAT). Non-continuous dischargers shall not be subject to the maximum day mass limitations in kg/kkg (lb/1,000 lb), but shall be subject to concentration limitations. Concentration limitations are only applicable to non-continuous dischargers. Permittees not using chlorophenolic-containing biocides must certify to the permit-issuing authority that they are not using these biocides.

SUBPART G

Pollutant or pollutant property	BAT effluent limitations	
	Maximum for any 1 day	
	Kg/kkg (pounds per 1,000 lb)	Milligrams/liter
Pentachlorophenol	0.0019	(0.011)(41.6)/y
Trichlorophenol	0.012	(0.068)(41.6)/y

y=wastewater discharged in kgal per ton of product.

(Approved by the Office of Management and Budget under control number 2040–0033)

[47 FR 52019, Nov. 18, 1982, as amended at 48 FR 31404, July 8, 1983]

§ 430.75 New source performance standards (NSPS).

Any new source subject to this subpart must achieve the following new source performance standards (NSPS), except that non-continuous dischargers

shall not be subject to the maximum day and average of 30 consecutive days effluent limitations for BOD*5* and TSS, but shall be subject to annual average effluent limitations determined by dividing the average of 30 consecutive days limitations for BOD*5* by 1.91 and TSS by 1.90. Also, for non-continuous dischargers, concentration limitations (mg/l) shall apply, where provided. Concentration limitations will only apply to non-continuous dischargers. Only facilities where chlorophenolic-containing biocides are used shall be subject to pentachlorophenol and trichlorophenol limitations. Permittees not using chlorophenolic-containing biocides must certify to the permit-issuing authority that they are not using these biocides.

SUBPART G

Pollutant or pollutant property	NSPS	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kg/kkg (or pounds per 1,000 lb) of product	
BOD*5*	10.3	5.5
TSS	18.2	9.5
pH	(1)	(1)
	Kg/kkg(lb/1,000 lb) of product	Milligrams/liter
Pentachlorophenol	0.0019	(0.013)(36.6)/y
Trichlorophenol	0.012	(0.077)(36.6)/y

y=wastewater discharged in kgal per ton of product.

[1] Within the range of 5.0 to 9.0 at all times.

(Approved by the Office of Management and Budget under control number 2040–0033)

[47 FR 52019, Nov. 18, 1982, as amended at 48 FR 31404, July 8, 1983]

§ 430.76 Pretreatment standards for existing sources (PSES).

(a) Except as provided in 40 CFR 403.7 and 403.13, any existing source subject to this subpart that introduces pollutants into a publicly owned treatment works must (1) comply with 40 CFR part 403 and (2) achieve the following pretreatment standards for existing sources (PSES) if it uses chlorophenolic-containing biocides. Permittees not using chlorophenolic-containing biocides must certify to the permit-issuing authority that they are not using these biocides. PSES must be attained on or before July 1, 1984.

SUBPART G

Pollutant or pollutant property	PSES
	Maximum for any 1 day
	Milligrams per liter (mg/l)
Pentachlorophenol	(0.011)(41.6)/y
Trichlorophenol	(0.082)(41.6)/y

y=wastewater discharged in kgal per ton of product.

(b) In cases when POTWs find it necessary to impose mass effluent limitations, the following equivalent mass limitations are provided as guidance:

SUBPART G

Pollutant or pollutant property	PSES
	Maximum for any 1 day
	Kg/kkg (or pounds per 1,000 lb) of product
Pentachlorophenol	0.0019
Trichlorophenol	0.014

(Approved by the Office of Management and Budget under control number 2040–0033)

[47 FR 52019, Nov. 18, 1982, as amended at 48 FR 31404, July 8, 1983]

§ 430.77 Pretreatment standards for new sources (PSNS).

(a) Except as provided in 40 CFR 403.7, any new source subject to this subpart that introduces pollutants into a publicly owned treatment works must (1) comply with 40 CFR part 403 and (2) achieve the following pretreatment standards for new sources (PSNS) if it uses chlorophenolic-containing biocides. Permittees not using chlorophenolic-containing biocides must certify to the permit-issuing authority that they are not using these biocides.

SUBPART G

Pollutant or pollutant property	PSNS
	Maximum for any 1 day
	Milligrams per liter (mg/l)
Pentachlorophenol	(0.013)(36.6)/y
Trichlorophenol	(0.093)(36.6)/y

y=wastewater discharge in kgal per ton of product.

(b) In cases when POTWs find it necessary to impose mass effluent limitations, the following equivalent mass limitations are provided as guidance:

SUBPART G

Pollutant or pollutant property	PSNS
	Maximum for any 1 day
	Kg/kkg (or pounds per 1,000 lb) of product
Pentachlorophenol	0.0019
Trichlorophenol	0.014

(Approved by the Office of Management and Budget under control number 2040–0033)

[47 FR 52019, Nov. 18, 1982, as amended at 48 FR 31404, July 8, 1983]

Subpart H—BCT Bleached Kraft Subcategory

§ 430.80 Applicability; description of the BCT bleached kraft subcategory.

The provisions of this subpart are applicable to discharges resulting from the integrated production of paperboard, coarse paper, and tissue paper at bleached kraft mills.

§ 430.81 Specialized definitions.

For the purpose of this subpart, the general definitions, abbreviations, and methods of analysis set forth in 40 CFR part 401 and § 430.01 shall apply to this subpart.

§ 430.82 Effluent limitations representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available (BPT).

(a) Except as provided in 40 CFR 125.30 through 125.32, any existing point source subject to this subpart must achieve the following effluent limitations representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available (BPT), except that noncontinuous dischargers shall not be subject to the maximum day and average of 30 consecutive days limitations, but shall be subject to annual average effluent limitations determined by dividing the average of 30 consecutive days limitations for BOD5 by 1.78 and TSS by 1.82.

SUBPART H

Pollutant or pollutant property	BPT effluent limitations	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kg/kkg (or pounds per 1,000 lb) of product	
BOD*5*	13.65	7.1
TSS	24.0	12.9
pH	(1)	(1)

[1] Within the range of 5.0 to 9.0 at all times.

(b) The following limitations establish the quantity or quality of pollutants or pollutant properties, controlled by this section, resulting from the use of wet barking operations, which may be discharged by a point source subject to the provisions of this subpart. These limitations are in addition to the limitations set forth in paragraph (a) of this section and shall be calculated using the proportion of the mill's total production due to use of logs which are subject to such operations. Noncontinuous dischargers shall not be subject to the maximum day and average of 30 consecutive days limitations, but shall be subject to annual average effluent limitations determined by dividing the average of 30 consecutive days limitations for BOD5 by 1.85 and TSS by 1.82.

SUBPART H

Pollutant or pollutant property	BPT effluent limitations	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kg/kkg (or pounds per 1,000 lb) of product	
BOD*5*	2.25	1.2
TSS	5.75	3.1
pH	(1)	(1)

[1] Within the range of 5.0 to 9.0 at all times.

(c) The following limitations establish the quantity of quality of pollutants or pollutant parameters, controlled by this section, resulting from the use of log washing or chip washing operations, which may be discharged by a point source subject to the provisions of this subpart. These limitations are in addition to the limitations set forth in paragraph (a) of this section

and shall be calculated using the proportion of the mill's total production due to use of logs and/or chips which are subject to such operations. Non-continuous dischargers shall not be subject to the maximum day and average of 30 consecutive days limitations, but shall be subject to annual average effluent limitations determined by dividing the average of 30 consecutive days limitations for BOD5 by 3.00 and TSS by 1.75.

SUBPART H

Pollutant or pollutant property	BPT effluent limitations	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kg/kkg (or pounds per 1,000 lb) of product	
BOD5	0.25	0.15
TSS	0.65	0.35
pH	(1)	(1)

[1] Within the range of .0 to 9.0 at all times.

(d) The following limitations establish the quantity or quality of pollutants or pollutant properties, controlled by this section, resulting from the use of log flumes or log ponds, which may be discharged by a point source subject to the provisions of this subpart. These limitations are in addition to the limitations set forth in paragraph (a) of this section and shall be calculated using the proportion of the mill's total production due to use of logs which are subject to such operations. Non-continuous dischargers shall not be subject to the maximum day and average of 30 consecutive days limitations, but shall be subject to annual average effluent limitations determined by dividing the average of 30 consecutive days limitations for BOD5 by 2.50 and TSS by 2.00.

SUBPART H

Pollutant or pollutant property	BPT effluent limitations	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kg/kkg (or pounds per 1,000 lb) of product	
BOD5	0.45	0.25
TSS	1.25	0.7
pH	(1)	(1)

[1] Within the range of 5.0 to 9.0 at all times.

[47 FR 52019, Nov. 18, 1982; 48 FR 13177, Mar. 30, 1983]

§ 430.83 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best conventional pollutant control technology (BCT).

Except as provided in §§ 125.30 through 125.32, any existing point source subject to this subpart shall achieve the following effluent limitations representing the degree of effluent reduction attainable by the application of the best conventional pollutant control technology (BCT): The limitations shall be the same as those specified for conventional pollutants (which are defined in § 401.16) in § 430.82 of this subpart for the best practicable control technology currently available (BPT).

[51 FR 45240, Dec. 17, 1986]

§ 430.84 Effluent limitations representing the degree of effluent reduction attainable by the application of the best available technology economically achievable (BAT).

Except as provided in 40 CFR 125.30 through 125.32, any existing point source subject to this subpart where chlorophenolic-containing biocides are used must achieve the following effluent limitations representing the degree of effluent reduction attainable by the application of the best available technology economically achievable (BAT). Non-continuous dischargers shall not be subject to the maximum day mass

limitations in kg/kkg (lb/1000 lb), but shall be subject to concentration limitations. Concentration limitations are only applicable to non-continuous dischargers. Permittees not using chlorophenolic-containing biocides must certify to the permit-issuing authority that they are not using these biocides.

SUBPART H

Pollutant or pollutant property	BAT effluent limitations	
	Maximum for any 1 day	
	Kg/kkg (pounds per 1,000 lb)	Milligrams/liter
Pentachlorophenol	0.0016	(0.011)(35.4)/y
Trichlorophenol	0.010	(0.068)(35.4)/y

y=wastewater discharged in kgal per ton of product.

(Approved by the Office of Management and Budget under control number 2040–0033)

[47 FR 52019, Nov. 18, 1982, as amended at 48 FR 31404, July 8, 1983]

§ 430.85 New source performance standards (NSPS).

Any new source subject to this subpart must achieve the following new source performance standards (NSPS), except that non-continuous dischargers shall not be subject to the maximum day and average of 30 consecutive days effluent limitations for BOD*5* and TSS, but shall be subject to annual average effluent limitations determined by dividing the average of 30 consecutive days limitations for BOD*5* by 1.91 and TSS by 1.90. Also, for non-continuous dischargers, concentration limitations (mg/l) shall apply, where provided. Concentration limitations will only apply to non-continuous dischargers. Only facilities where chlorophenolic-containing biocides are used shall be subject to pentachlorophenol and trichlorophenol limitations. Permittees not using chlorophenolic-containing biocides must certify to the permit-issuing authority that they are not using these biocides.

SUBPART H

Pollutant or pollutant property	NSPS	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kg/kkg (or pounds per 1,000 lb) of product	
BOD*5*	8.5	4.6
TSS	14.6	7.6
pH	(1)	(1)
	Kg/kkg(lb/1,000 lb) of product	Milligrams/liter
Pentachlorophenol	0.0016	(0.012)(31.7)/y
Trichlorophenol	0.010	(0.076)(31.7)/y

y=wastewater discharged in kgal per ton of product.

[1] Within the range of 5.0 to 9.0 at all times.

(Approved by the Office of Management and Budget under control number 2040–0033)

[47 FR 52019, Nov. 18, 1982, as amended at 48 FR 31404, July 8, 1983]

§ 430.86 Pretreatment standards for existing sources (PSES).

(a) Except as provided in 40 CFR 403.7 and 403.13, any existing source subject to this subpart that introduces pollutants into a publicly owned treatment works must (1) comply with 40 CFR part 403 and (2) achieve the following pretreatment standards for existing sources (PSES) if it uses chlorophenolic-containing biocides. Permittees not using chlorophenolic-containing biocides must certify to the permit-issuing authority that they are not using these biocides. PSES must be attained on or before July 1, 1984.

SUBPART H

Pollutant or pollutant property	PSES
	Maximum for any 1 day
	Milligrams per liter (mg/l)
Pentachlorophenol	(0.011)(35.4)/y
Trichlorophenol	(0.082)(35.4)/y

y=wastewater discharged in kgal per ton of product.

(b) In cases when POTWs find it necessary to impose mass effluent limitations, the following equivalent mass limitations are provided as guidance:

SUBPART H

Pollutant or pollutant property	PSES
	Maximum for any 1 day
	Kg/kkg (or pounds per 1,000 lb) of product
Pentachlorophenol	0.0016
Trichlorophenol	0.012

(Approved by the Office of Management and Budget under control number 2040–0033)

[47 FR 52019, Nov. 18, 1982, as amended at 48 FR 31404, July 8, 1983]

§ 430.87 Pretreatment standards for new sources (PSNS).

(a) Except as provided in 40 CFR 403.7, any new source subject to this subpart that introduces pollutants into a publicly owned treatment works must (1) comply with 40 CFR part 403 and (2) achieve the following pretreatment standards for new sources (PSNS) if it uses chlorophenolic-containing biocides. Permittees not using chlorophenolic-containing biocides must certify to the permit-issuing authority that they are not using these biocides.

SUBPART H

Pollutant or pollutant property	PSNS
	Maximum for any 1 day
	Milligrams per liter (mg/l)
Pentachlorophenol	(0.012)(31.7)/y
Trichlorophenol	(0.092)(31.7)/y

y=wastewater discharge in kgal per ton of product.

(b) In cases when POTWs find it necessary to impose mass effluent limitations, the following equivalent mass limitations are provided as guidance:

SUBPART H

Pollutant or pollutant property	PSNS
	Maximum for any 1 day
	Kg/kkg (or pounds per 1,000 lb) of product
Pentachlorophenol	0.0016
Trichlorophenol	0.012

(Approved by the Office of Management and Budget under control number 2040–0033)

[47 FR 52019, Nov. 18, 1982, as amended at 48 FR 31404, July 8, 1983]

Subpart I—Fine Bleached Kraft Subcategory

§ 430.90 Applicability; description of the fine bleached kraft subcategory.

The provisions of this subpart are applicable to discharges resulting from the integrated production of pulp and fine papers at bleached kraft mills.

§ 430.91 Specialized definitions.

For the purpose of this subpart, the general definitions, abbreviations, and methods of analysis set forth in 40 CFR part 401 and § 430.01 shall apply to this subpart.

§ 430.92 Effluent limitations representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available (BPT).

(a) Except as provided in 40 CFR 125.30 through 125.32, any existing point source subject to this subpart must achieve the following effluent limitations representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available (BPT), except that noncontinuous dischargers shall not be subject to the maximum day and average of 30 consecutive days limitations, but shall be subject to annual average effluent limitations determined by dividing the average of 30 consecutive days limitations for BOD5 by 1.78 and TSS by 1.82.

SUBPART I

Pollutant or pollutant property	BPT effluent limitations	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kg/kkg (or pounds per 1,000 lb) of product	
BOD*5*	10.6	5.5
TSS	22.15	11.9
pH	(1)	(1)

[1] Within the range of 5.0 to 9.0 at all times.

(b) The following limitations establish the quantity or quality of pollutants or pollutant properties, controlled by this section, resulting from the use of wet barking operations, which may be discharged by a point source subject to the provisions of this subpart. These

limitations are in addition to the limitations set forth in paragraph (a) of this section and shall be calculated using the proportion of the mill's total production due to use of logs which are subject to such operations. Non-continuous dischargers shall not be subject to the maximum day and average of 30 consecutive days limitations, but shall be subject to annual average effluent limitations determined by dividing the average of 30 consecutive days limitations for BOD*5* by 1.82 and TSS by 1.84.

SUBPART I

Pollutant or pollutant property	BPT effluent limitations	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kg/kkg (or pounds per 1,000 lb) of product	
BOD*5*	1.95	1.0
TSS	5.3	2.85
pH	(1)	(1)

[1] Within the range of 5.0 to 9.0 at all times.

(c) The following limitations establish the quantity or quality of pollutants or pollutant parameters, controlled by this section, resulting from the use of log washing or chip washing operations, which may be discharged by a point source subject to the provisions of this subpart. These limitations are in addition to the limitations set forth in paragraph (a) of this section and shall be calculated using the proportion of the mill's total production due to use of logs and/or chips which are subject to such operations. Non-continuous dischargers shall not be subject to the maximum day and average of 30 consecutive days limitations, but shall be subject to annual average effluent limitations determined by dividing the average of 30 consecutive days limitations for BOD*5* by 2.00 and TSS by 2.00.

SUBPART I

Pollutant or pollutant property	BPT effluent limitations	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kg/kkg (or pounds per 1,000 lb) of product	
BOD*5*	0.2	0.1
TSS	0.55	0.3
pH	(1)	(1)

[1] Within the range of 5.0 to 9.0 at all times.

(d) The following limitations establish the quantity or quality of pollutants or pollutant properties, controlled by this section, resulting from the use of log flumes or log ponds, which may be discharged by a point source subject to the provisions of this subpart. These limitations are in addition to the limitations set forth in paragraph (a) of this section and shall be calculated using the proportion of the mill's total production due to use of logs which are subject to such operations. Non-continuous dischargers shall not be subject to the maximum day and average of 30 consecutive days limitations, but shall be subject to annual average effluent limitations determined by dividing the average of 30 consecutive days limitations for BOD5 by 2.00 and TSS by 2.00.

SUBPART I

Pollutant or pollutant property	BPT effluent limitations	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kg/kkg (or pounds per 1,000 lb) of product	
BOD*5*	0.35	0.2
TSS	1.15	0.6
pH	(1)	(1)

[1] Within the range of 5.0 to 9.0 at all times.

[47 FR 52019, Nov. 18, 1982; 48 FR 13177, Mar. 30, 1983]

§ 430.93 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best conventional pollutant control technology (BCT).

Except as provided in §§ 125.30 through 125.32, any existing point source subject to this subpart shall achieve the following effluent limitations representing the degree of effluent reduction attainable by the application of the best conventional pollutant control technology (BCT): The limitations shall be the same as those specified for conventional pollutants (which are defined in § 401.16) in § 430.92 of this subpart for the best practicable control technology currently available (BPT).

[51 FR 45240, Dec. 17, 1986]

§ 430.94 Effluent limitations representing the degree of effluent reduction attainable by the application of the best available technology economically achievable (BAT).

Except as provided in 40 CFR 125.30 through 125.32, any existing point source subject to this subpart where chlorophenolic-containing biocides are used must achieve the following effluent limitations representing the degree of effluent reduction attainable by the application of the best available technology economically achievable (BAT). Non-continuous dischargers shall not be subject to the maximum day mass limitations in kg/kkg (lb/1000 lb), but shall be subject to concentration limitations. Concentration limitations are only applicable to non-continuous dischargers. Permittees not using chlorophenolic-containing biocides must certify to the permit-issuing authority that they are not using these biocides.

SUBPART I

Pollutant or pollutant property	BAT effluent limitations	
	Maximum for any 1 day	
	Kg/kkg (pounds per 1,000 lb)	Milligrams/liter
Pentachlorophenol	0.0014	(0.011)(30.9)/y
Trichlorophenol	0.0088	(0.068)(30.9)/y

y=wastewater discharged in kgal per ton of product.

(Approved by the Office of Management and Budget under control number 2040–0033)

[47 FR 52019, Nov. 18, 1982, as amended at 48 FR 31404, July 8, 1983]

§ 430.95 New source performance standards (NSPS).

Any new source subject to this subpart must achieve the following new source performance standards (NSPS), except that non-continuous dischargers shall not be subject to the maximum day and average of 30 consecutive days effluent limitations for BOD5 and TSS, but shall be subject to annual average effluent limitations determined by dividing the average of 30 consecutive days limitations for BOD5 by 1.91 and TSS by 1.90. Also, for non-continuous dischargers, concentration limitations (mg/l) shall apply, where provided. Concentration limitations will only apply to non-continuous dischargers. Only facilities where chlorophenolic-containing biocides are used shall be subject to pentachlorophenol and trichlorophenol limitations. Permittees not using chlorophenolic-containing biocides must certify to the permit-issuing authority that they are not these biocides.

SUBPART I

Pollutant or pollutant property	NSPS	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kg/kkg (or pounds per 1,000 lb) of product	
BOD5	5.7	3.1
TSS	9.1	4.8
pH	(1)	(1)
	Kg/kkg(lb/1,000 lb) of product	Milligrams/liter
Pentachlorophenol	0.0014	(0.014)(25.1)/y
Trichlorophenol	0.0088	(0.084)(25.1)/y

y=wastewater discharged in kgal per ton of product.

[1] Within the range of 5.0 to 9.0 at all times.

(Approved by the Office of Management and Budget under control number 2040–0033)

[47 FR 52019, Nov. 18, 1982, as amended at 48 FR 31404, July 8, 1983]

430.96 Pretreatment standards for existing sources (PSES).

(a) Except as provided in 40 CFR 403.7 and 403.13, any existing source subject to this subpart that introduces pollutants into a publicly owned treatment works must (1) comply with 40 CFR part 403 and (2) achieve the following pretreatment standards for existing sources (PSES) if it uses chlorophenolic-containing biocides. Permittees not using chlorophenolic-containing biocides must certify to the permit-issuing authority that they are not using these biocides. PSES must be attained on or before July 1, 1984.

SUBPART I

Pollutant or pollutant property	PSES
	Maximum for any 1 day
	Milligrams per liter (mg/l)
Pentachlorophenol	(0.011)(30.9)/y
Trichlorophenol	(0.082)(30.9)/y

y=wastewater discharged in kgal per ton of product.

(b) In cases when POTWs find it necessary to impose mass effluent limitations, the following equivalent mass limitations are provided as guidance:

SUBPART I

Pollutant or pollutant property	PSES
	Maximum for any 1 day
	Kg/kkg (or pounds per 1,000 lb) of product
Pentachlorophenol	0.0014
Trichlorophenol	0.011

(Approved by the Office of Management and Budget under control number 2040–0033)

[47 FR 52019, Nov. 18, 1982, as amended at 48 FR 31404, July 8, 1983]

430.97 Pretreatment standards for new sources (PSNS).

(a) Except as provided in 40 CFR 403.7, any new source subject to this subpart that introduces pollutants into a publicly owned treatment works must (1) comply with 40 CFR part 403 and (2) achieve the following pretreatment standards for new sources (PSNS) if it uses chlorophenolic-containing biocides. Permittees not using chlorophenolic-containing biocides must certify to the permit-issuing authority that they are not using these biocides.

SUBPART I

Pollutant or pollutant property	PSNS
	Maximum for any 1 day
	Milligrams per liter (mg/l)
Pentachlorophenol	(0.014)(25.1)/y
Trichlorophenol	(0.101)(25.1)/y

y=wastewater discharge in kgal per ton of product.

(b) In cases when POTWs find it necessary to impose mass effluent limitations, the following equivalent mass limitations are provided as guidance:

SUBPART I

Pollutant or pollutant property	PSNS
	Maximum for any 1 day
	Kg/kkg (or pounds per 1,000 lb) of product
Pentachlorophenol	0.0014
Trichlorophenol	0.011

(Approved by the Office of Management and Budget under control number 2040–0033)

[47 FR 52019, Nov. 18, 1982, as amended at 48 FR 31404, July 8, 1983]

Subpart J—Papergrade Sulfite (Blow Pit Wash) Subcategory

§ 430.100 Applicability; description of the papergrade sulfite (blow pit wash) subcategory.

The provisions of this subpart are applicable to discharges resulting from the integrated production of pulp and paper at papergrade sulfite mills, where blow pit pulp washing techniques are used.

§ 430.101 Specialized definitions.

For the purpose of this subpart:

(a) Except as provided below, the general definitions, abbreviations, and methods of analysis set forth in 40 CFR part 401 and § 430.01 shall apply to this subpart.

(b) Sulfite cooking liquor shall be defined as bisulfite cooking liquor when the pH of the liquor is between 3.0 and 6.0 and as acid sulfite cooking liquor when the pH is less than 3.0.

§ 430.102 Effluent limitations representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available (BPT).

(a) Except as provided in 40 CFR 125.30 through 125.32, any existing point source subject to this subpart must achieve the following effluent limitations representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available (BPT), except that noncontinuous dischargers shall not be subject to the maximum day and average of 30 consecutive days limitations, but shall be subject to annual average effluent limitations determined by dividing the average of 30 consecutive days limitations for BOD*5* by 1.78 and TSS by 1.82.

SUBPART J

[Bisulfite liquor/surface condensers]

Pollutant or pollutant property	BPT effluent limitations	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kg/kkg (or pounds per 1,000 lb) of product	
BOD*5*	31.8	16.55
TSS	43.95	23.65
pH	(1)	(1)

[1] Within the range of 5.0 to 9.0 at all times.

SUBPART J

[Bisulfite liquor/barometric condensers]

Pollutant or pollutant property	BPT effluent limitations	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kg/kkg (or pounds per 1,000 lb) of product	
BOD*5*	34.7	18.05
TSS	52.2	28.1
pH	(1)	(1)

[1] Within the range of 5.0 to 9.0 at all times.

SUBPART J

[Acid sulfite liquor/surface condensers]

Pollutant or pollutant property	BPT effluent limitations	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kg/kkg (or pounds per 1,000 lb) of product	
BOD*5*	32.3	16.8
TSS	43.95	23.65
pH	(1)	(1)

[1] Within the range of 5.0 to 9.0 at all times.

SUBPART J

[Acid sulfite liquor/barometric condensers]

Pollutant or pollutant property	BPT effluent limitations	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kg/kkg (or pounds per 1,000 lb) of product	
BOD*5*	35.55	18.5
TSS	52.2	28.1
pH	(1)	(1)

[1] Within the range of 5.0 to 9.0 at all times.

(b) The following limitations establish the quantity or quality of pollutants or pollutant properties, controlled by this section, resulting from the use of wet barking operations, which may be discharged by a point source subject to the provisions of this subpart. These limitations are in addition to the limitations set forth in paragraph (a) of this section and shall be calculated using the proportion of the mill's total production due to use of logs which are subject to such operations. Noncontinuous dischargers shall not be subject to the maximum day and average of 30 consecutive days limitations, but shall be subject to annual average effluent limitations determined by dividing the average of 30 consecutive days limitations for BOD*5* by 1.81 and TSS by 1.80.

SUBPART J

Pollutant or pollutant property	BPT effluent limitations	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kg/kkg (or pounds per 1,000 lb) of product	
BOD*5*	2.7	1.45
TSS	7.5	3.95
pH	(1)	(1)

1 Within the range of 5.0 to 9.0 at all times.

(c) The following limitations establish the quantity or quality of pollutants or pollutant parameters, controlled by this section, resulting from the use of log washing or chip washing operations, which may be discharged by a point source subject to the provisions of this subpart. These limitations are in addition to the limitations set forth in paragraph (a) of this section and shall be calculated using the proportion of the mill's total production due to use of logs and/or chips which are subject to such operations. Noncontinuous dischargers shall not be subject to the maximum day and average of 30 consecutive days limitations, but shall be subject to annual average effluent limitations determined by dividing the average of 30 consecutive days limitations for BOD*5* by 2.00 and TSS by 1.80.

SUBPART J

Pollutant or pollutant property	BPT effluent limitations	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kg/kkg (or pounds per 1,000 lb) of product	
BOD*5*	0.15	0.1
TSS	2.55	1.35
pH	(1)	(1)

1 Within the range of 5.0 to 9.0 at all times.

(d) The following limitations establish the quantity or quality of pollutants or pollutant properties, controlled by this section, resulting from the use of log flumes or log ponds, which may be discharged by a point source subject to the provisions of this subpart. These limitations are in addition to the limitations set forth in paragraph (a) of this section and shall be calculated using the proportion of the mill's total production due to use of logs which are subject to such operations. Noncontinuous dischargers shall not be subject to the maximum day and average of 30 consecutive days limitations, but shall be subject to annual average effluent limitations determined by dividing the average of 30 consecutive days limitations for BOD*5* by 2.00 and TSS by 1.80.

SUBPART J

Pollutant or pollutant property	BPT effluent limitations	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kg/kkg (or pounds per 1,000 lb) of product	
BOD*5*	0.35	0.2
TSS	1.7	0.9
pH	(1)	(1)

1 Within the range of 5.0 to 9.0 at all times.

[47 FR 52019, Nov. 17, 1982; 48 FR 13177, Mar. 30, 1983]

§ 430.103 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best conventional pollutant control technology (BCT).

Except as provided in §§ 125.30 through 125.32, any existing point source subject to this subpart shall achieve the following effluent limitations representing the degree of effluent reduction attainable by the application of the best conventional pollutant control technology (BCT): The limitations shall be the same as those specified for conventional pollutants (which are defined in § 401.16) in § 430.102 of this subpart for the best practicable control technology currently available (BPT).

[51 FR 45240, Dec. 17, 1986]

§ 430.104 Effluent limitations representing the degree of effluent reduction attainable by the application of the best available technology economically achievable (BAT).

Except as provided in 40 CFR 125.30 through 125.32, any existing point source subject to this subpart where chlorophenolic-containing biocides are

used must achieve the following effluent limitations representing the degree of effluent reduction attainable by the application of the best available technology economically achievable (BAT). Non-continuous dischargers shall not be subject to the maximum day mass limitations in kg/kkg (lb/1,000 lb), but shall be subject to concentration limitations. Concentration limitations are only applicable to non-continuous dischargers. Permittees not using chlorophenolic-containing biocides must certify to the permit-issuing authority that they are not using these biocides.

SUBPART J

Pollutant or pollutant property	BAT effluent limitations	
	Maximum for any 1 day	
	Kg/kkg (pounds per 1,000 lb) of product	Milligrams/liter
Pentachlorophenol	0.00058exp(0.017x)	((0.011)(12.67)exp(0.017x))/y
Trichlorophenol	0.0036exp(0.017x)	((0.068)(12.67)exp(0.017x))/y

x=percent sulfite pulp in final product.
y=wastewater discharged in kgal per ton of product.

(Approved by the Office of Management and Budget under control number 2040–0033)

[47 FR 52019, Nov. 18, 1982, as amended at 48 FR 31404, July 8, 1983]

§ 430.105 New source performance standards (NSPS).

Any new source subject to this subpart must achieve the following new source performance standards (NSPS), except that non-continuous dischargers shall not be subject to the maximum day and average of 30 consecutive days effluent limitations for BOD5 and TSS, but shall be subject to annual average effluent limitations determined by dividing the average of 30 consecutive days limitations for BOD5 by 1.91 and TSS by 1.90. Also, for non-continuous dischargers, concentration limitations (mg/l) shall apply, where provided. Concentration limitations will only apply to non-continuous dischargers. Only facilities where chlorophenolic-containing biocides are used shall be subject to pentachlorophenol and trichlorophenol limitations. Permittees not using chlorophenolic-containing biocides must certify to the permit-issuing authority that they are not using these biocides.

SUBPART J

Pollutant or pollutant property	NSPS	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kg/kkg (or pounds per 1,000 lb.) of product	
BOD5	4.38exp(0.017x)	2.36exp(0.017x)
TSS	5.81exp(0.017x)	3.03exp(0.107x)
pH	(1)	(1)

x=percent sulfite pulp in final product.

[1] Within the range of 5.0 to 9.0 at all times.

	Maximum for any 1 day	
	Kg/kkg (pounds per/1,000 lb) of product	Milligrams/liter
Pentachlorophenol	0.00058exp(0.017x)	((0.015)(9.12)exp(0.017x))/y
Trichlorophenol	0.0036exp(0.017x)	((0.094)(9.12)exp(0.017x))/y

x=percent sulfite pulp in final product.
y=wastewater discharged in kgal per ton of product.

(Approved by the Office of Management and Budget under control number 2040–0033)

[47 FR 52019, Nov. 18, 1982; 48 FR 13177, Mar. 30, 1983, as amended at 48 FR 31404, July 8, 1983]

§ 430.106 Pretreatment standards for existing sources (PSES).

(a) Except as provided in 40 CFR 403.7 and 403.13, any existing source subject to this subpart that introduces pollutants into a publicly owned treatment works must (1) comply with 40 CFR part 403 and (2) achieve the following pretreatment standards for existing sources (PSES) if it uses chlorophenolic-containing biocides. Permittees not using chlorophenolic-containing biocides must certify to the permit-issuing authority that they are not using these biocides. PSES must be attained on or before July 1, 1984.

SUBPART J

Pollutant or pollutant property	PSES
	Maximum for any 1 day
	Milligrams per liter (mg/l)
Pentachlorophenol	((0.011)(12.67)exp(0.017x))/y
Trichlorophenol	((0.082)(12.67)exp(0.017x))/y

x=percent sulfite pulp in final product.
y=wastewater discharged in kgal per ton of product.

(b) In cases when POTWs find it necessary to impose mass effluent limitations, the following equivalent mass limitations are provided as guidance:

SUBPART J

Pollutant or pollutant property	PSES
	Maximum for any 1 day
	Kg/kkg (or pounds per/1,000 lb) of product
Pentachlorophenol	0.00058exp(0.017x)
Trichlorophenol	0.0043exp(0.017x)

x = percent sulfite pulp in final product.

(Approved by the Office of Management and Budget under control number 2040–0033)

[47 FR 52019, Nov. 18, 1982, as amended at 48 FR 31404, July 8, 1983]

§ 430.107 Pretreatment standards for new sources (PSNS).

(a) Except as provided in 40 CFR 403.7, any new source subject to this subpart that introduces pollutants into a publicly owned treatment works must (1) comply with 40 CFR part 403 and (2) achieve the following pretreatment standards for new sources (PSNS) if it uses chlorophenolic-containing biocides. Permittees not using chlorophenolic-containing biocides must certify to the permit-issuing authority that they are not using these biocides.

SUBPART J

Pollutant or pollutant property	PSNS
	Maximum for any 1 day
	Milligrams per liter (mg/l)
Pentachlorophenol	((0.015)(9.12)exp(0.017x))/y
Trichlorophenol	((0.114)(9.12)exp(0.017x))/y

x=percent sulfite pulp in final product.
y=wastewater discharged in kgal per ton of product.

(b) In cases when POTWs find it necessary to impose mass effluent limitations, the following equivalent mass limitations are provided as guidance:

SUBPART J

Pollutant or pollutant property	PSNS
	Maximum for any 1 day
	Kg/kkg (or pounds per 1,000 lb) of product
Pentachlorophenol	0.00058exp(0.017x)
Trichlorophenol	0.0043exp(0.017x)

x=percent sulfite pulp in final product.

(Approved by the Office of Management and Budget under control number 2040–0033)

[47 FR 52019, Nov. 18, 1982, as amended at 48 FR 31404, July 8, 1983]

Subpart K—Dissolving Sulfite Pulp Subcategory

§ 430.110 Applicability; description of the dissolving sulfite pulp subcategory.

The provisions of this subpart are applicable to discharges resulting from the production of pulp at dissolving sulfite mills.

§ 430.111 Specialized definitions.

For the purpose of this subpart, the general definitions, abbreviations, and methods of analysis set forth in 40 CFR part 401 and § 430.01 shall apply to this subpart.

§ 430.112 Effluent limitations representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available (BPT).

(a) Except as provided in 40 CFR 125.30 through 125.32, any existing point source subject to this subpart must achieve the following effluent limitations representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available (BPT), except that noncontinuous dischargers shall not be subject to the maximum day and average of 30 consecutive days limitations, but shall be subject to annual average effluent limitations determined by dividing the average of 30 consecutive days limitations for BOD*5* by 1.78 and TSS by 1.82.

SUBPART K

[Facilities where nitration grade pulp is produced]

Pollutant or pollutant property	BPT effluent limitations	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kg/kkg (or pounds per 1,000 lb) of product	
BOD*5*	41.4	21.5
TSS	70.65	38.05
pH	(1)	(1)

1 Within the range of 5.0 to 9.0 at all times.

SUBPART K

[Facilities where viscose grade pulp is produced]

Pollutant or pollutant property	BPT effluent limitations	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kg/kkg (or pounds per 1,000 lb) of product	
BOD*5*	44.3	23.0
TSS	70.65	38.05
pH	(1)	(1)

1 Within the range of 5.0 to 9.0 at all times.

SUBPART K

[Facilities where cellophane grade pulp is produced]

Pollutant or pollutant property	BPT effluent limitations	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kg/kkg (or pounds per 1,000 lb) of product	
BOD*5*	48.05	24.95
TSS	70.65	38.05
pH	(1)	(1)

1 Within the range of 5.0 to 9.0 at all times.

SUBPART K

[Facilities where acetate grade pulp is produced]

Pollutant or pollutant property	BPT effluent limitations	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kg/kkg (or pounds per 1,000 lb) of product	
BOD*5*	1 50.80	1 26.40
TSS	70.65	38.05
pH	(2)	(2)

1 BOD*5* effluent limitations were remanded (*Weyerhaeuser Company, et al.* v. *Costle,* 590 F.2nd 1011; D.C. Circuit 1978.
2 Within the range of 5.0 to 9.0 at all times.

(b) The following limitations establish the quantity or quality of pollutants or pollutant properties, controlled by this section, resulting from the use of wet barking operations, which may be discharged by a point source subject to the provisions of this subpart. These limitations are in addition to the limitations set forth in paragraph (a) of this section and shall be calculated using the proportion of the mill's total production due to use of logs which are subject to such operations. Noncontinuous dischargers shall not be subject to the maximum day and average of 30 consecutive days limitations, but shall be subject to annual average effluent limitations determined by dividing the average of 30 consecutive days limitations for BOD*5* by 1.75 and TSS by 2.00.

SUBPART K

Pollutant or pollutant property	BPT effluent limitations	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kg/kkg (or pounds per 1,000 lb) of product	
BOD*5*	0.7	0.35
TSS	0.15	0.1
pH	(1)	(1)

1 Within the range of 5.0 to 9.0 at all times.

(c) The following limitations establish the quantity or quality of pollutants or pollutant parameters, controlled by this section, resulting from the use of log washing or chip washing operations, which may be discharged by a point source subject to the provisions of this subpart. These limitations are in addition to the limitations set forth in paragraph (a) of this section and shall be calculated using the proportion of the mill's total production due to use of logs and/or chips which are subject to such operations. Noncontinuous dischargers shall not be subject to the maximum day and average of 30 consecutive days limitations, but shall be subject to annual average effluent limitations determined by dividing the average of 30 consecutive days limitations for BOD*5* by 2.00 and TSS by 2.00.

SUBPART K

Pollutant or pollutant property	BPT effluent limitations	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kg/kkg (or pounds per 1,000 lb) of product	
BOD*5*	0.15	0.1
TSS	0.15	0.1
pH	(1)	(1)

1 Within the range of 5.0 to 9.0 at all times.

(d) The following limitations establish the quantity or quality of pollutants or pollutant properties, controlled by this section, resulting from the use of log flumes or log ponds, which may be discharged by a point source subject to the provisions of this subpart. These limitations are in addition to the limitations set forth in paragraph (a) of this section and shall be calculated using the proportion of the mill's total production due to use of logs which are subject to such operations. Noncontinuous dischargers shall not be subject to the maximum day and average of 30 consecutive days limitations, but shall be subject to annual average effluent limitations determined by dividing the average of 30 consecutive days limitations for BOD*5* by 2.00 and TSS by 2.00.

SUBPART K

Pollutant or pollutant property	BPT effluent limitations	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kg/kkg (or pounds per 1,000 lb) of product	
BOD*5*	0.15	0.1
TSS	0.15	0.1
pH	(1)	(1)

1 Within the range of 5.0 to 9.0 at all times.

[47 FR 52019, Nov. 18, 1982; 48 FR 13177, Mar. 30, 1983]

§ 430.113 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best conventional pollutant control technology (BCT).

Except as provided in §§ 125.30 through 125.32, any existing point source subject to this subpart shall achieve the following effluent limitations representing the degree of effluent reduction attainable by the application of the best conventional pollutant control technology (BCT): The limitations shall be the same as those specified for conventional pollutants (which are defined in § 401.16) in § 430.112 of this subpart for the best practicable control technology currently available (BPT).

[51 FR 45240, Dec. 17, 1986]

§ 430.114 Effluent limitations representing the degree of effluent reduction attainable by the application of the best available technology economically achievable (BAT).

Except as provided in 40 CFR 125.30 through 125.32, any existing point source subject to this subpart where chlorophenolic-containing biocides are

used must achieve the following effluent limitations representing the degree of effluent reduction attainable by the application of the best available technology economically achievable (BAT). Non-continuous dischargers shall not be subject to the maximum day mass limitations in kg/kkg (lb/1000 lb), but shall be subject to concentration limitations. Concentration limitations are only applicable to non-continuous dischargers. Permittees not using chlorophenolic-containing biocides must certify to the permit-issuing authority that they are not using these biocides.

SUBPART K

[Facilities where nitration, viscose, or cellophane grade pulps are produced]

Pollutant or pollutant property	BAT effluent limitations	
	Maximum for any 1 day	
	Kg/kkg (pounds per 1,000 lb)	Milligrams/liter
Pentachlorophenol	0.0030	(0.011)(66.0)/y
Trichlorophenol	0.019	(0.068)(66.0)/y

y=wastewater discharged in kgal per ton of product.

SUBPART K

[Facilities where acetate grade pulp is produced]

Pollutant or pollutant property	BAT effluent limitations	
	Maximum for any 1 day	
	Kg/kkg (pounds per 1,000 lb)	Milligrams/liter
Pentachlorophenol	0.0033	(0.011)(72.7)/y
Trichlorophenol	0.021	(0.068)(72.7)/y

y=wastewater discharged in kgal per ton of product.

(Approved by the Office of Management and Budget under control number 2040–0033)

[47 FR 52019, Nov. 18, 1982; 48 FR 13177, Mar. 30, 1983, as amended at 48 FR 31404, July 8, 1983]

§ 430.115 New source performance standards (NSPS).

Any new source subject to this subpart must achieve the following new source performance standards (NSPS), except that non-continuous dischargers shall not be subject to the maximum day and average of 30 consecutive days effluent limitations for BOD*5* and TSS, but shall be subject to annual average effluent limitations determined by dividing the average of 30 consecutive days limitations for BOD*5* by 1.91 and TSS by 1.90. Also, for non-continuous dischargers, concentration limitations (mg/l) shall apply, where provided. Concentration limitations will only apply to non-continuous dischargers. Only facilities where chlorophenolic-containing biocides are used shall be subject to pentachlorophenol and trichlorophenol limitations. Permittees not using chlorophenic-containing biocides must certify to the permit-issuing authority that they are not using these biocides.

SUBPART K

[Facilities where nitration grade pulp is produced]

Pollutant or pollutant property	NSPS	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kg/kkg (or pounds per 1,000 lb) of product	
BOD*5*	26.9	14.5
TSS	40.8	21.3
pH	(1)	(1)
	Kg/kkg(lb/1,000 lb) of product	Milligrams/liter
Pentachlorophenol	0.0030	(0.012)(59.0)/y
Trichlorophenol	0.019	(0.012)(59.0)/y

y=wastewater discharged in kgal per ton of product.

[1] Within the range of 5.0 to 9.0 at all times.

SUBPART K

[Facilities where viscose grade pulp is produced]

Pollutant or pollutant property	NSPS	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kg/kkg (or pounds per 1,000 lb) of product	
BOD*5*	28.7	15.5
TSS	40.8	21.3
pH	(1)	(1)
	Kg/kkg(lb/1,000 lb) of product	Milligrams/liter
Pentachlorophenol	0.0030	(0.012)(59.0)/y
Trichlorophenol	0.019	(0.012)(59.0)/y

y=wastewater discharged in kgal per ton of product.

[1] Within the range of 5.0 to 9.0 at all times.

SUBPART K

[Facilities where cellophane grade pulp is produced]

Pollutant or pollutant property	NSPS	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kg/kkg (or pounds per 1,000 lb) of product	
BOD*5*	31.2	16.8
TSS	40.8	21.3
pH	(1)	(1)
	Kg/kkg(lb/1,000 lb) of product	Milligrams/liter
Pentachlorophenol	0.0030	(0.012)(59.0)/y
Trichlorophenol	0.019	(0.076)(59.0)/y

y=wastewater discharged in kgal per ton of product.

[1] Within the range of 5.0 to 9.0 at all times.

SUBPART K

[Facilities where acetate grade pulp is produced]

Pollutant or pollutant property	NSPS	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kg/kkg (or pounds per 1,000 lb) of product	
BOD*5*	39.6	21.4
TSS	41.1	21.5
pH	(1)	(1)
	Kg/kkg(lb/1,000 lb) of product	Milligrams/liter
Pentachlorophenol	0.0033	(0.012)(65.7)/y
Trichlorophenol	0.021	(0.075)(65.7)/y

y=wastewater discharged in kgal per ton of product.

[1] Within the range of 5.0 to 9.0 at all times.

(Approved by the Office of Management and Budget under control number 2040–0033)

[47 FR 52019, Nov. 18, 1982; 48 FR 13177, Mar. 30, 1983, as amended at 48 FR 31404, July 8, 1983]

§ 430.116 Pretreatment standards for existing sources (PSES).

(a) Except as provided in 40 CFR 403.7 and 403.13, any existing source subject to this subpart that introduces pollutants into a publicly owned treatment works must (1) comply with 40 CFR part 403 and (2) achieve the following pretreatment standards for existing sources (PSES) if it uses chlorophenolic-containing biocides. Permittees not using chlorophenolic-containing biocides must certify to the permit-issuing authority that they are not using these biocides. PSES must be attained on or before July 1, 1984.

SUBPART K

[Facilities where nitration, viscose, or cellophane grade pulps are produced]

Pollutant or pollutant property	PSES
	Maximum for any 1 day
	Milligrams per liter (mg/l)
Pentachlorophenol	(0.011)(66.0)/y
Trichlorophenol	(0.082)(66.0)/y

y=wastewater discharged in kgal per ton of product.

SUBPART K

[Facilities where acetate grade pulp is produced]

Pollutant or pollutant property	PSES
	Maximum for any 1 day
	Milligrams per liter (mg/l)
Pentachlorophenol	(0.011)(72.7)/y
Trichlorophenol	(0.082)(72.7)/y

y=wastewater discharged in kgal per ton of product.

(b) In cases when POTWs find it necessary to impose mass effluent limitations, the following equivalent mass limitations are provided as guidance:

SUBPART K

[Facilities where nitration, viscose, or cellophane grade pulps are produced]

Pollutant or pollutant property	PSES
	Maximum for any 1 day
	Kg/kkg (or pounds per 1,000 lb) of product
Pentachlorophenol	0.0030
Trichlorophenol	0.023

SUBPART K

[Facilities where acetate grade pulp is produced]

Pollutant or pollutant property	PSES
	Maximum for any 1 day
	Kg/kkg (or pounds per 1,000 lb) of product
Pentachlorophenol	0.0033
Trichlorophenol	0.025

(Approved by the Office of Management and Budget under control number 2040–0033)

[47 FR 52019, Nov. 18, 1982; 48 FR 13177, Mar. 30, 1983, as amended at 48 FR 31404, July 8, 1983]

§ 430.117 Pretreatment standards for new sources (PSNS).

(a) Except as provided in 40 CFR 403.7, any new source subject to this subpart that introduces pollutants into a publicly owned treatment works must (1) comply with 40 CFR part 403 and (2) achieve the following pretreatment standards for new sources (PSNS) if it uses chlorophenolic-containing biocides. Permittees not using chlorophenolic-containing biocides must certify to the permit-issuing authority that they are not using these biocides.

SUBPART K

[Facilities where nitration, viscose, or cellophane grade pulps are produced]

Pollutant or pollutant property	PSNS
	Maximum for any 1 day
	Milligrams per liter (mg/l)
Pentachlorophenol	(0.012)(59.0)/y
Trichlorophenol	(0.092)(59.0)/y

y=wastewater discharge in kgal per ton of product.

SUBPART K

[Facilities where acetate grade pulp is produced]

Pollutant or pollutant property	PSNS
	Maximum for any 1 day
	Milligrams per liter (mg/l)
Pentachlorophenol	(0.012)(65.7)/y
Trichlorophenol	(0.091)(65.7)/y

y=wastewater discharge in kgal per ton of product.

(b) In cases when POTWs find it necessary to impose mass effluent limitations, the following equivalent mass limitations are provided as guidance:

SUBPART K

[Facilities where nitration, viscose, or cellophane grade pulps are produced]

Pollutant or pollutant property	PSNS
	Maximum for any 1 day
	Kg/kkg (or pounds per 1,000 lb) of product
Pentachlorophenol	0.0030
Trichlorophenol	0.023

SUBPART K

[Facilities where acetate grade pulp is produced]

Pollutant or pollutant property	PSNS
	Maximum for any 1 day
	Kg/kkg (or pounds per 1,000 lb) of product
Pentachlorophenol	0.0033
Trichlorophenol	0.025

(Approved by the Office of Management and Budget under control number 2040–0033)

[47 FR 52019, Nov. 18, 1982, as amended at 48 FR 31404, July 8, 1983]

Subpart L—Groundwood-Chemi-Mechanical Subcategory

§ 430.120 Applicability; description of the groundwood-chemi-mechanical subcategory.

The provisions of this subpart are applicable to discharges resulting from the production of pulp and paper at groundwood chemi-mechanical mills.

§ 430.121 Specialized definitions.

For the purpose of this subpart, the general definitions, abbreviations, and methods of analysis set forth in 40 CFR part 401 and § 430.01 shall apply to this subpart.

§ 430.122 Effluent limitations representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available (BPT).

(a) Except as provided in 40 CFR 125.30 through 125.32, any existing point source subject to this subpart must achieve the following effluent limitations representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available (BPT), except that noncontinuous dischargers shall not be subject to the maximum day and average of 30 consecutive days limitations, but shall be subject to annual average effluent limitations determined by dividing the average of 30 consecutive days limitations for BOD5 by 1.78 and TSS by 1.82.

SUBPART L

Pollutant or pollutant property	BPT effluent limitations	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kg/kkg (or pounds per 1,000 lb) of product	
BOD*5*	13.5	7.05
TSS	19.75	10.65
pH	(1)	(1)

1 Within the range of 5.0 to 9.0 at all times.

(b) The following limitations establish the quantity or quality of pollutants or pollutant properties, controlled by this section, resulting from the use of wet barking operations, which may be discharged by a point source subject to the provisions of this subpart. These limitations are in addition to the limitations set forth in paragraph (a) of this section and shall be calculated using the proportion of the mill's total production due to use of logs which are subject to such operations. Noncontinuous dischargers shall not be subject to the maximum day and average of 30 consecutive days limitations, but shall be subject to annual average effluent limitations determined by dividing the average of 30 consecutive days limitations for BOD5 by 1.80 and TSS by 1.81.

SUBPART L

Pollutant or pollutant property	BPT effluent limitations	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kg/kkg (or pounds per 1,000 lb) of product	
BOD*5*	0.9	0.45
TSS	2.6	1.45
pH	(1)	(1)

1 Within the range of 5.0 to 9.0 at all times.

(c) The following limitations establish the quantity or quality of pollutants or pollutant parameters, controlled by this section, resulting from the use of log washing or chip washing operations, which may be discharged by a point source subject to the provisions of this subpart. These limitations are in addition to the limitations set forth in paragraph (a) of this section and shall be calculated using the proportion of the mill's total production due to use of logs and/or chips which are subject to such operations. Noncontinuous dischargers shall not be subject to the maximum day and average of 30 consecutive days limitations, but shall be subject to annual average effluent limitations determined by dividing the average of 30 consecutive days limitations for BOD5 by 1.00 and TSS by 1.50.

SUBPART L

Pollutant or pollutant property	BPT effluent limitations	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kg/kkg (or pounds per 1,000 lb) of product	
BOD*5*	0.05	0.05
TSS	0.25	0.15
pH	(1)	(1)

1 Within the range of 5.0 to 9.0 at all times.

(d) The following limitations establish the quantity or quality of pollutants or pollutant properties, controlled by this section, resulting from the use of log flumes or log ponds, which may be discharged by a point source subject to the provisions of this subpart. These limitations are in addition to the limitations set forth in paragraph (a) of this section and shall be calculated using the proportion of the mill's total production due to use of logs which are subject to such operations. Noncontinuous dischargers shall not be subject to the maximum day and average of 30 consecutive days limitations, but shall be subject to annual average effluent limitations determined by dividing the average of 30 consecutive days limitations for BOD5 by 1.00 and TSS by 2.00.

SUBPART L

Pollutant or pollutant property	BPT effluent limitations	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kg/kkg (or pounds per 1,000 lb) of product	
BOD*5*	0.15	0.05
TSS	0.55	0.3
pH	(1)	(1)

1 Within the range of 5.0 to 9.0 at all times.

(e) For those mills using zinc hydrosulfite as a bleaching agent in the manufacturing process, the following effluent limitations are to be added to the base limitations set forth in paragraph (a) of this section. Permittees not using zinc hydrosulfite as a bleaching agent must certify to the permit issuing authority that they are not using this bleaching compound. Non-continuous dischargers shall not be subject to the maximum day and average of 30 consecutive days effluent limitations, but shall be subject to annual average effluent limitations determined by dividing the average of 30 consecutive days limitations by 1.50.

SUBPART L

Pollutant or pollutant property	BPT effluent limitations	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kg/kkg (or pounds per 1,000 lb) of product	
Zinc	0.34	0.17

[47 FR 52019, Nov. 18, 1982; 48 FR 13177, Mar. 30, 1983]

§ 430.123 Effluent limitations representing the degree of effluent reduction attainable by the application of the best conventional pollutant control technology (BCT). [Reserved]

§ 430.124 Effluent limitations representing the degree of effluent reduction attainable by the application of the best available technology economically achievable (BAT). [Reserved]

§ 430.125 New source performance standards (NSPS). [Reserved]

§ 430.126 Pretreatment standards for existing sources (PSES). [Reserved]

§ 430.127 Pretreatment standards for new sources (PSNS). [Reserved]

Subpart M—Groundwood—Thermo—Mechanical Subcategory

§ 430.130 Applicability; description of the groundwood-thermo-mechanical subcategory.

The provisions of this subpart are applicable to discharges resulting from the production of pulp and paper at groundwood mills through the application of the thermo-mechanical process.

§ 430.131 Specialized definitions.

For the purpose of this subpart, the general definitions, abbreviations, and methods of analysis set forth in 40 CFR part 401 and § 430.01 shall apply to this subpart.

§ 430.132 Effluent limitations representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available (BPT).

(a) Except as provided in 40 CFR 125.30 through 125.32, any existing point source subject to this subpart must achieve the following effluent limitations representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available (BPT), except that noncontinuous dischargers shall not be subject to the maximum day and average of 30 consecutive days

limitations, but shall be subject to annual average effluent limitations determined by dividing the average of 30 consecutive days limitations for BOD*5* by 1.78 and TSS by 1.82.

SUBPART M

Pollutant or pollutant property	BPT effluent limitations	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kg/kkg (or pounds per 1,000 lb) of product	
BOD*5*	10.6	5.55
TSS	15.55	8.35
pH	(1)	(1)

1 Within the range of 5.0 to 9.0 at all times.

(b) The following limitations establish the quantity or quality of pollutants or pollutant properties, controlled by this section, resulting from the use of wet barking operations, which may be discharged by a point source subject to the provisions of this subpart. These limitations are in addition to the limitations set forth in paragraph (a) of this section and shall be calculated using the proportion of the mill's total production due to use of logs which are subject to such operations. Noncontinuous dischargers shall not be subject to the maximum day and average of 30 consecutive days limitations, but shall be subject to annual average effluent limitations determined by dividing the average of 30 consecutive days limitations for BOD*5* by 1.50 and TSS by 1.93.

SUBPART M

Pollutant or pollutant property	BPT effluent limitations	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kg/kkg (or pounds per 1,000 lb) of product	
BOD*5*	0.9	0.45
TSS	2.7	1.45
pH	(1)	(1)

1 Within the range of 5.0 to 9.0 at all times.

(c) The following limitations establish the quantity or quality of pollutants or pollutant parameters, controlled by this section, resulting from the use of log washing or chip washing operations, which may be discharged by a point source subject to the provisions of this subpart. These limitations are in addition to the limitations set forth in paragraph (a) of this section and shall be calculated using the proportion of the mill's total production due to use of logs and/or chips which are subject to such operations. Noncontinuous dischargers shall not be subject to the maximum day and average of 30 consecutive days limitations, but shall be subject to annual average effluent limitations determined by dividing the average of 30 consecutive days limitations for BOD*5* by 1.00 and TSS by 3.00.

SUBPART M

Pollutant or pollutant property	BPT effluent limitations	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kg/kkg (or pounds per 1,000 lb) of product	
BOD*5*	0.05	0.05
TSS	0.30	0.15
pH	(1)	(1)

1 Within the range of 5.0 to 9.0 at all times.

(d) The following limitations establish the quantity or quality of pollutants or pollutant properties, controlled by this section, resulting from the use of log flumes or log ponds, which may be discharged by a point source subject to the provisions of this subpart. These limitations are in addition to the limitations set forth in paragraph (a) of this section and shall be calculated using the proportion of the mill's total production due to use of logs which are subject to such operations. Noncontinuous dischargers shall not be subject to the maximum day and average of 30 consecutive days limitations, but shall be subject to annual average effluent limitations determined by dividing the average of 30 consecutive days limitations for BOD*5* by 2.00 and TSS by 2.33.

SUBPART M

Pollutant or pollutant property	BPT effluent limitations	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kg/kkg (or pounds per 1,000 lb) of product	
BOD*5*	0.15	0.1
TSS	0.60	0.35
pH	(1)	(1)

[1] Within the range of 5.0 to 9.0 at all times.

(e) For those mills using zinc hydrosulfite as a bleaching agent in the manufacturing process, the following effluent limitations are to be added to the base limitations set forth in paragraph (a) of this section. Permittees not using zinc hydrosulfite as a bleaching agent must certify to the permit issuing authority that they are not using this bleaching compound. Non-continuous dischargers shall not be subject to the maximum day and average of 30 consecutive days effluent limitations, but shall be subject to annual average effluent limitations determined by dividing the average of 30 consecutive days limitations by 1.50.

SUBPART M

Pollutant or pollutant property	BPT effluent limitations	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kg/kkg (or pounds per 1,000 lb) of product	
Zinc	0.26	0.13

[47 FR 52019, Nov. 18, 1982; 48 FR 13177, Mar. 30, 1983]

§ 430.133 Effluent limitations representing the degree of effluent reduction attainable by the application of the best conventional pollutant control technology (BCT). [Reserved]

§ 430.134 Effluent limitations representing the degree of effluent reduction attainable by the application of the best available technology economically achievable (BAT).

Except as provided in 40 CFR 125.30 through 125.32, any existing point source subject to this subpart must achieve the following effluent limitations representing the degree of effluent reduction attainable by the application of the best available technology economically achievable (BAT), except that non-continuous dischargers shall not be subject to the maximum day mass limitations in kg/kkg (lb/1000 lb), but shall be subject to concentration limitations. Concentration limitations are only applicable to non-continuous dischargers. Pentachlorophenol and trichlorophenol limitations are only applicable at facilities where chlorophenolic-containing biocides are used. Permittees not using chlorophenolic-containing biocides must certify to the permit-issuing authority that they are not using these biocides. Zinc limitations are only applicable at facilities where zinc hydrosulfite is used as a bleaching agent. Permittees not using zinc hydrosulfite as a bleaching agent must certify to the permit issuing authority that they are not using this bleaching compound.

SUBPART M

Pollutant or pollutant property	BAT effluent limitations	
	Maximum for any 1 day	
	Kg/kkg (pounds per 1,000 lb)	Milligrams/liter
Pentachlorophenol	0.00097	(0.011)(21.1)/y
Trichlorophenol	0.00088	(0.010)(21.1)/y
Zinc	0.26	(3.0)(21.1)/y

y=wastewater discharged in kgal per ton of product.

(Approved by the Office of Management and Budget under control number 2040–0033)

[47 FR 52019, Nov. 18, 1982; 48 FR 13177, Mar. 30, 1983, as amended at 48 FR 31404, July 8, 1983]

§ 430.135 New source performance standards (NSPS).

Any new source subject to this subpart must achieve the following new source performance standards (NSPS), except that non-continuous dischargers shall not be subject to the maximum day and average of 30 consecutive days effluent limitations for BOD*5* and TSS, but shall be subject to annual average effluent limitations determined by dividing the average of 30 consecutive days limitations for BOD*5* by 1.91 and

TSS by 1.90. Also, for non-continuous dischargers, concentration limitations (mg/l) shall apply, where provided. Concentration limitations will only apply to non-continuous dischargers. Pentachlorophenol and trichlorophenol limitations are only applicable at facilities where chlorophenolic-containing biocides are used. Permittees not using chlorophenolic-containing biocides must certify to the permit-issuing authority that they are not using these biocides. Zinc limitations are only applicable at facilities where zinc hydrosulfite is used as a bleaching agent. Permittees not using zinc hydrosulfite as a bleaching agent must certify to the permit issuing authority that they are not using this bleaching compound.

SUBPART M

Pollutant or pollutant property	NSPS	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kg/kkg (or pounds per 1,000 lb) of product	
BOD*5*	4.6	2.5
TSS	8.7	4.6
pH	(1)	(1)
	Kg/kkg(lb/1,000 lb) of product	Milligrams/liter
Pentachlorophenol	0.00097	(0.017)(13.8)/y
Trichlorophenol	0.00088	(0.015)(13.8)/y
Zinc	0.17	(3.0)(13.8)/y

y=wastewater discharged in kgal per ton of product.

[1] Within the range of 5.0 to 9.0 at all times.

(Approved by the Office of Management and Budget under control number 2040–0033)

[47 FR 52019, Nov. 18, 1982; 48 FR 13177, Mar. 30, 1983, as amended at 48 FR 31404, July 8, 1983]

§ 430.136 Pretreatment standards for existing sources (PSES).

(a) Except as provided in 40 CFR 403.7 and 403.13, any existing source subject to this subpart that introduces pollutants into a publicly owned treatment works must comply with 40 CFR part 403 and achieve the following pretreatment standards for existing sources (PSES). Pentachlorophenol and trichlorophenol limitations are only applicable at facilities where chlorophenolic-containing biocides are used. Permittees not using chlorophenolic-containing biocides must certify to the permit-issuing authority that they are not using these biocides. Zinc limitations are only applicable at facilities where zinc hydrosulfite is used as a bleaching agent. Permittees not using zinc hydrosulfite as a bleaching agent must certify to the permit-issuing authority that they are not using this bleaching compound. PSES must be attained on or before July 1, 1984.

SUBPART M

Pollutant or pollutant property	PSES
	Maximum for any 1 day
	Milligrams per liter (mg/l)
Pentachlorophenol	(0.011)(21.1)/y
Trichlorophenol	(0.010)(21.1)/y
Zinc	(3.0)(21.1)/y

y=wastewater discharged in kgal per ton of product.

(b) In cases when POTWs find it necessary to impose mass effluent limitations, the following equivalent mass limitations are provided as guidance:

SUBPART M

Pollutant or pollutant property	PSES
	Maximum for any 1 day
	Kg/kkg (or pounds per 1,000 lb) of product
Pentachlorophenol	0.00097
Trichlorophenol	0.00088
Zinc	0.26

(Approved by the Office of Management and Budget under control number 2040–0033)

[47 FR 52019, Nov. 18, 1982; 48 FR 13177, Mar. 30, 1983, as amended at 48 FR 31404, July 8, 1983]

§ 430.137 Pretreatment standards for new sources (PSNS).

(a) Except as provided in 40 CFR 403.7, any new source subject to this subpart that introduces pollutants into a publicly owned treatment works must comply with 40 CFR part 403 and achieve the following pretreatment standards for new sources (PSNS). Pentachlorophenol and trichlorophenol limitations are only applicable at facilities where chlorophenolic-containing biocides are used. Permittees not using chlorophenolic-containing

biocides must certify to the permit-issuing authority that they are not using these biocides. Zinc limitations are only applicable at facilities where zinc hydrosulfite is used as a bleaching agent. Permittees not using zinc hydrosulfite as a bleaching agent must certify to the permit issuing authority that they are not using this bleaching compound.

SUBPART M

Pollutant or pollutant property	PSNS
	Maximum for any 1 day
	Milligrams per liter (mg/l)
Pentachlorophenol	(0.017)(13.8)/y
Trichlorophenol	(0.015)(13.8)/y
Zinc	(3.0)(13.8)/y

y=wastewater discharge in kgal per ton of product.

(b) In cases when POTW's find it necessary to impose mass effluent limitations, the following equivalent mass limitations are provided as guidance:

SUBPART M

Pollutant or pollutant property	PSNS
	Maximum for any 1 day
	Kg/kkg (or pounds per 1,000 lb) of product
Pentachlorophenol	0.00097
Trichlorophenol	0.00088
Zinc	0.17

(Approved by the Office of Management and Budget under control number 2040–0033)

[47 FR 52019, Nov. 18, 1982; 48 FR 13177, Mar. 30, 1983, as amended at 48 FR 31404, July 8, 1983]

Subpart N—Groundwood-CMN Papers Subcategory

§ 430.140 Applicability; description of the groundwood-CMN papers subcategory.

The provisions of this subpart are applicable to discharges resulting from the integrated production of pulp and coarse paper, molded pulp products, and newsprint at groundwood mills.

§ 430.141 Specialized definitions.

For the purpose of this subpart, the general definitions, abbreviations, and methods of analysis set forth in 40 CFR part 401 and § 430.01 shall apply to this subpart.

§ 430.142 Effluent limitations representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available (BPT).

(a) Except as provided in 40 CFR 125.30 through 125.32, any existing point source subject to this subpart must achieve the following effluent limitations representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available (BPT), except that noncontinuous dischargers shall not be subject to the maximum day and average of 30 consecutive days limitations, but shall be subject to annual average effluent limitations determined by dividing the average of 30 consecutive days limitations for BOD*5* by 1.78 and TSS by 1.82.

SUBPART N

Pollutant or pollutant property	BPT effluent limitations	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kg/kkg (or pounds per 1,000 lb) of product	
BOD*5*	7.45	3.9
TSS	12.75	6.85
pH	(1)	(1)

1 Within the range of 5.0 to 9.0 at all times.

(b) The following limitations establish the quantity or quality of pollutants or pollutant properties, controlled by this section, resulting from the use of wet barking operations, which may be discharged by a point source subject to the provisions of this subpart. These limitations are in addition to the limitations set forth in paragraph (a) of this section and shall be calculated using the proportion of the mill's total production due to use of logs which are subject to such operations. Noncontinuous dischargers shall not be subject to the maximum day and average of 30 consecutive days limitations, but shall be subject to annual average effluent limitations determined by dividing the average of 30 consecutive days limitations for BOD5 by 1.83 and TSS by 1.83.

SUBPART N

Pollutant or pollutant property	BPT effluent limitations	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kg/kkg (or pounds per 1,000 lb) of product	
BOD*5*	1.15	0.55
TSS	2.0	1.1
pH	(1)	(1)

1 Within the range of 5.0 to 9.0 at all times.

(c) The following limitations establish the quantity or quality of pollutants or pollutant parameters, controlled by this section, resulting from the use of log washing or chip washing operations, which may be discharged by a point source subject to the provisions of this subpart. These limitations are in addition to the limitations set forth in paragraph (a) of this section and shall be calculated using the proportion of the mill's total production due to use of logs and/or chips which are subject to such operations. Non-continuous dischargers shall not be subject to the maximum day and average of 30 consecutive days limitations, but shall be subject to annual average effluent limitations determined by dividing the average of 30 consecutive days limitations for BOD*5* by 1.00 and TSS by 1.50.

SUBPART N

Pollutant or pollutant property	BPT effluent limitations	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kg/kkg (or pounds per 1,000 lb) of product	
BOD*5*	0.15	0.05
TSS	0.20	0.15
pH	(1)	(1)

1 Within the range of 5.0 to 9.0 at all times.

(d) The following limitations establish the quantity or quality of pollutants or pollutant properties, controlled by this section, resulting from the use of log flumes or log ponds, which may be discharged by a point source subject to the provisions of this subpart. These limitations are in addition to the limitations set forth in paragraph (a) of this section and shall be calculated using the proportion of the mill's total production due to use of logs which are subject to such operations. Non-continuous dischargers shall not be subject to the maximum day and average of 30 consecutive days limitations, but shall be subject to annual average effluent limitations determined by dividing the average of 30 consecutive days limitations for BOD*5* by 2.00 and TSS by 1.67.

SUBPART

Pollutant or pollutant property	BPT effluent limitations	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kg/kkg (or pounds per 1,000 lb) of product	
BOD*5*	0.25	0.1
TSS	0.45	0.25
pH	(1)	(1)

1 Within the range of 5.0 to 9.0 at all times.

(e) For those mills using zinc hydrosulfite as a bleaching agent in the manufacturing process, the following effluent limitations are to be added to the base limitations set forth in paragraph (a) of this section. Permittees not using zinc hydrosulfite as a bleaching agent must certify to the permit issuing authority that they are not using this bleaching compound. Non-continuous dischargers shall not be subject to the maximum day and average of 30 consecutive days effluent limitations, but shall be subject to annual average effluent limitations determined by dividing the average of 30 consecutive days limitations by 1.50.

SUBPART N

Pollutant or pollutant property	BPT effluent limitations	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kg/kkg (or pounds per 1,000 lb) of product	
Zinc	0.30	0.15

[47 FR 52019, Nov. 18, 1982; 48 FR 13177, Mar. 30, 1983]

§ 430.143 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best conventional pollutant control technology (BCT).

Except as provided in §§ 125.30 through 125.32, any existing point source subject to this subpart shall achieve the following effluent limitations representing the degree of effluent reduction attainable by the application of the best conventional pollutant control technology (BCT): The limitations shall be the same as those specified for conventional pollutants (which are defined in § 401.16) in § 430.142 of this subpart for the best practicable control technology currently available (BPT).

[51 FR 45240, Dec. 17, 1986]

§ 430.144 Effluent limitations representing the degree of effluent reduction attainable by the application of the best available technology economically achievable (BAT).

Except as provided in 40 CFR 125.30 through 125.32, any existing point source subject to this subpart must achieve the following effluent limitations representing the degree of effluent reduction attainable by the application of the best available technology economically achievable (BAT), except that non-continuous dischargers shall not be subject to the maximum day mass limitations in Kg/kkg (lb/1000 lb), but shall be subject to concentration limitations. Concentration limitations are only applicable to non-continuous dischargers. Pentachlorophenol and trichlorophenol limitations are only applicable at facilities where chlorophenolic-containing biocides are used. Permittees not using chlorophenolic-containing biocides must certify to the permit-issuing authority that they are not using these biocides. Zinc limitations are only applicable at facilities where zinc hydrosulfite is used as a bleaching agent. Permittees not using zinc hydrosulfite as a bleaching agent must certify to the permit issuing authority that they are not using this bleaching compound.

SUBPART N

Pollutant or pollutant property	BAT effluent limitations	
	Maximum for any 1 day	
	Kg/kkg (pounds per 1,000 lb)	Milligrams/liter
Pentachlorophenol	0.0011	(0.011)(23.8)/y
Trichlorophenol	0.00099	(0.010)(23.8)/y
Zinc	0.30	(3.0)(23.8)/y

y=wastewater discharged in kgal per ton of product.

(Approved by the Office of Management and Budget under control number 2040–0033)

[47 FR 52019, Nov. 18, 1982; 48 FR 13177, Mar. 30, 1983, as amended at 48 FR 31404, July 8, 1983]

§ 430.145 New source performance standards (NSPS).

Any new source subject to this subpart must achieve the following new source performance standards (NSPS), except that non-continuous dischargers shall not be subject to the maximum day and average of 30 consecutive days effluent limitations for BOD5 and TSS, but shall be subject to annual average effluent limitations determined by dividing the average of 30 consecutive days limitations for BOD5 by 1.91 and TSS by 1.90. Also, for non-continuous dischargers, concentration limitations (mg/l) shall apply, where provided. Concentration limitations will only apply to non-continuous dischargers. Pentachlorophenol and trichlorphenol limitations are only applicable at facilities where chlorophenolic-containing biocides are used. Permittees not using chlorophenolic-containing biocides must certify to the permit-issuing authority that they are not using these biocides. Zinc limitations are only applicable at facilities where zinc hydrosulfite is used as a bleaching agent. Permittees not using zinc hydrosulfite as a bleaching agent must certify to the permit issuing authority that they are not using this bleaching compound.

SUBPART N

Pollutant or pollutant property	NSPS	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kg/kkg (or pounds per 1,000 lb) of product	
BOD*5*	4.6	2.5
TSS	7.3	3.8
pH	(1)	(1)
	Kg/kkg(lb/ 1,000 lb) of product	Milligrams/liter
Pentachlorophenol	0.0011	(0.016)(16.8)/y
Trichlorophenol	0.00099	(0.014)(16.8)/y
Zinc	0.21	(3.0)(16.8)/y

y=wastewater discharged in kgal per ton of production.

[1] Within the range of 5.0 to 9.0 at all times.

(Approved by the Office of Management and Budget under control number 2040–0033)

[47 FR 52019, Nov. 18, 1982; 48 FR 13177, Mar. 30, 1983, as amended at 48 FR 31404, July 8, 1983]

§ 430.146 Pretreatment standards for existing sources (PSES).

(a) Except as provided in 40 CFR 403.7 and 403.13, any existing source subject to this subpart that introduces pollutants into a publicly owned treatment works must comply with 40 CFR part 403 and achieve the following pretreatment standards for existing sources (PSES). Pentachlorophenol and trichlorophenol limitations are only applicable at facilities where chlorophenolic-containing biocides are used. Permittees not using chlorophenolic-containing biocides must certify to the permit-issuing authority that they are not using these biocides. Zinc limitations are only applicable at facilities where zinc hydrosulfite is used as a bleaching agent. Permittees not using zinc hydrosulfite as a bleaching agent must certify to the permit issuing authority that they are not using this bleaching compound. PSES must be attained on or before July 1, 1984.

SUBPART N

Pollutant or pollutant property	PSES
	Maximum for any 1 day
	Milligrams per liter (mg/l)
Pentachlorophenol	(0.011)(23.8)/y
Trichlorophenol	(0.010)(23.8)/y
Zinc	(3.0)(23.8)/y

y=wastewater discharged in kgal per ton of product.

(b) In cases when POTWs find it necessary to impose mass effluent limitations, the following equivalent mass limitations are provided as guidance:

SUBPART N

Pollutant or pollutant property	PSES
	Maximum for any 1 day
	Kg/kkg (or pounds per 1,000 lb) of product
Pentachlorophenol	0.0011
Trichlorophenol	0.00099
Zinc	0.30

(Approved by the Office of Management and Budget under control number 2040–0033)

[47 FR 52019, Nov. 18, 1982; 48 FR 13178, Mar. 30, 1983, as amended at 48 FR 31404, July 8, 1983]

§ 430.147 Pretreatment standards for new sources (PSNS).

(a) Except as provided in 40 CFR 403.7, any new source subject to this subpart that introduces pollutants into a publicly owned treatment works must comply with 40 CFR part 403 and achieve the following pretreatment standards for new sources (PSNS). Pentachlorophenol and trichlorophenol limitations are only applicable at facilities where chlorophenolic-containing biocides are used. Permittees not using chlorophenolic-containing biocides must certify to the permit-issuing authority that they are not using these biocides. Zinc limitations are only applicable at facilities where zinc hydrosulfite is used as a bleaching agent. Permittees not using zinc hydrosulfite as a bleaching agent must certify to the permit issuing authority that they are not using this bleaching compound.

SUBPART N

Pollutant or pollutant property	PSNS
	Maximum for any 1 day
	Milligrams per liter (mg/l)
Pentachlorophenol	(0.016)(16.8)/y
Trichlorophenol	(0.014)(16.8)/y
Zinc	(3.0)(16.8)/y

y=wastewater discharge in kgal per ton of product.

(b) In cases when POTWs find it necessary to impose mass effluent limitations, the following equivalent mass limitations are provided as guidance:

SUBPART N

Pollutant or pollutant property	PSNS
	Maximum for any 1 day
	Kg/kkg (or pounds per 1,000 lb) of product
Pentachlorophenol	0.0011
Trichlorophenol	0.00099
Zinc	0.21

(Approved by the Office of Management and Budget under control number 2040–0033)

[47 FR 52019, Nov. 18, 1982; 48 FR 13178, Mar. 30, 1983, as amended at 48 FR 31404, July 8, 1983]

Subpart O—Groundwood-Fine Papers Subcategory

§ 430.150 Applicability; description of the groundwood-fine papers subcategory.

The provisions of this subpart are applicable to discharges resulting from the integrated production of pulp and fine paper at groundwood mills.

§ 430.151 Specialized definitions.

For the purpose of this subpart, the general definitions, abbreviations, and methods of analysis set forth in 40 CFR part 401 and § 430.01 shall apply to this subpart.

§ 430.152 Effluent limitations representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available (BPT).

(a) Except as provided in 40 CFR 125.30 through 125.32, any existing point source subject to this subpart must achieve the following effluent limitations representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available (BPT), except that noncontinuous dischargers shall not be subject to the maximum day and average of 30 consecutive days limitations, but shall be subject to annual average effluent limitations determined by dividing the average of 30 consecutive days limitations for BOD5 by 1.78 and TSS by 1.82.

SUBPART O

Pollutant or pollutant property	BPT effluent limitations	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kg/kkg (or pounds per 1,000 lb) of product	
BOD5	6.85	3.6
TSS	11.75	6.3
pH	(1)	(1)

[1] Within the range of 5.0 to 9.0 at all times.

(b) The following limitations establish the quantity or quality of pollutants or pollutant properties, controlled by this section, resulting from the use of wet barking operations, which may be discharged by a point source subject to the provisions of this subpart. These limitations are in addition to the limitations set forth in paragraph (a) of this section and shall be calculated using the proportion of the mill's total production due to use of logs which are subject to such operations. Noncontinuous dischargers shall not be subject to the maximum day and average of 30 consecutive days limitations, but shall be subject to annual average

effluent limitations determined by dividing the average of 30 consecutive days limitations for BOD*5* by 1.57 and TSS by 1.83.

SUBPART O

Pollutant or pollutant property	BPT effluent limitations	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kg/kkg (or pounds per 1,000 lb) of product	
BOD*5*	1.1	0.55
TSS	1.95	1.1
pH	(1)	(1)

1 Within the range of 5.0 to 9.0 at all times.

(c) The following limitations establish the quantity or quality of pollutants or pollutant parameters, controlled by this section, resulting from the use of log washing or chip washing operations, which may be discharged by a point source subject to the provisions of this subpart. These limitations are in addition to the limitations set forth in paragraph (a) of this section and shall be calculated using the proportion of the mill's total production due to use of logs and/or chips which are subject to such operations. Non-continuous dischargers shall not be subject to the maximum day and average of 30 consecutive days limitations, but shall be subject to annual average effluent limitations determined by dividing the average of 30 consecutive days limitations for BOD*5* by 1.00 and TSS by 1.50.

SUBPART O

Pollutant or pollutant property	BPT effluent limitations	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kg/kkg (or pounds per 1,000 lb) of product	
BOD*5*	0.15	0.05
TSS	0.2	0.15
pH	(1)	(1)

1 Within the range of 5.0 to 9.0 at all times.

(d) The following limitations establish the quantity or quality of pollutants or pollutant properties, controlled by this section, resulting from the use of log flumes or log ponds, which may be discharged by a point source subject to the provisions of this subpart. These limitations are in addition to the limitations set forth in paragraph (a) of this section and shall be calculated using the proportion of the mill's total production due to use of logs which are subject to such operations. Non-continuous dischargers shall not be subject to the maximum day and average of 30 consecutive days limitations, but shall be subject to annual average effluent limitations determined by dividing the average of 30 consecutive days limitations for BOD*5* by 1.00 and TSS by 1.67.

SUBPART O

Pollutant or pollutant property	BPT effluent limitations	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kg/kkg (or pounds per 1,000 lb) of product	
BOD*5*	0.2	0.05
TSS	0.4	0.25
pH	(1)	(1)

1 Within the range of 5.0 to 9.0 at all times.

(e) For those mills using zinc hydrosulfite as a bleaching agent in the manufacturing process, the following effluent limitations are to be added to the base limitations set forth in paragraph (a) of this section. Permittees not using zinc hydrosulfite as a bleaching agent must certify to the permit issuing authority that they are not using this bleaching compound. Non-continuous dischargers shall not be subject to the maximum day and average of 30 consecutive days effluent limitations, but shall be subject to annual average effluent limitations determined by dividing the average of 30 consecutive days limitations by 1.5).

SUBPART O

Pollutant or pollutant property	BPT effluent limitations	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kg/kkg (or pounds per 1,000 lb) of product	
Zinc	0.275	0.135

[47 FR 52019, Nov. 18, 1982; 48 FR 13178, Mar. 30, 1983]

§ 430.153 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best conventional pollutant control technology (BCT).

Except as provided in §§ 125.30 through 125.32, any existing point source subject to this subpart shall achieve the following effluent limitations representing the degree of effluent reduction attainable by the application of the best conventional pollutant control technology (BCT): The limitations shall be the same as those specified for conventional pollutants (which are defined in § 401.16) in § 430.152 of this subpart for the best practicable control technology currently available (BPT).

[51 FR 45240, Dec. 17, 1986]

§ 430.154 Effluent limitations representing the degree of effluent reduction attainable by the application of the best available technology economically achievable (BAT).

Except as provided in 40 CFR 125.30 through 125.32, any existing point source subject to this subpart must achieve the following effluent limitations representing the degree of effluent reduction attainable by the application of the best available technology economically achievable (BAT), except that non-continuous dischargers shall not be subject to the maximum day mass limitations in kg/kkg (lb/1000 lb), but shall be subject to concentration limitations. Concentration limitations are only applicable to non-continuous dischargers. Pentachlorophenol and trichlorophenol limitations are only applicable at facilities where chlorophenolic-containing biocides are uses. Permittees not using chlorophenolic-containing biocides must certify to the permit-issuing authority that they are not using these biocides. Zinc limitations are only applicable at facilities where zinc hydrosulfite is used as a bleaching agent. Permittees not using zinc hydrosulfite as a bleaching agent must certify to the permit issuing authority that they are not using this bleaching compound.

SUBPART O

Pollutant or pollutant property	BAT effluent limitations	
	Maximum for any 1 day	
	Kg/kkg (pounds per 1,000 lb)	Milligrams/liter
Pentachlorophenol	0.0010	(0.011)(21.9)/y
Trichlorophenol	0.00092	(0.010)(21.9)/y
Zinc	0.27	(3.0)(21.9)/y

y=wastewater discharged in kgal per ton of product.

(Approved by the Office of Management and Budget under control number 2040–0033)

[47 FR 52019, Nov. 18, 1982; 48 FR 13178, Mar. 30, 1983, as amended at 48 FR 31404, July 8, 1983]

§ 430.155 New source performance standards (NSPS).

Any new source subject to this subpart must achieve the following new source performance standards (NSPS), except that non-continuous dischargers shall not be subject to the maximum day and average of 30 consecutive days effluent limitations for BOD5 and TSS, but shall be subject to annual average effluent limitations determined by dividing the average of 30 consecutive days limitations for BOD5 by 1.91 and TSS by 1.90. Also, for non-continuous dischargers, concentration limitations (mg/l) shall apply, where provided. Concentration limitations will only apply to non-continuous dischargers. Pentachlorophenol and trichlorophenol limitations are only applicable at facilities where chlorophenolic-containing biocides are used. Permittees not using chlorophenolic-containing biocides must certify to the permit-issuing authority that they are not using these biocides. Zinc limitations are only applicable at facilities where zinc hydrosulfite is used as a bleaching agent. Permittees not using zinc hydrosulfite as a bleaching agent must certify to the permit issuing authority that they are not using this bleaching compound.

SUBPART O

Pollutant or pollutant property	NSPS	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kg/kkg (or pounds per 1,000 lb) of product	
BOD*5*	3.5	1.9
TSS	5.8	3.0
pH	(1)	(1)
	Kg/kkg(lb/ 1,000 lb) of product	Milligrams/liter
Pentachlorophenol	0.0010	(0.016)(15.4)/y
Trichlorophenol	0.00092	(0.014)(15.4)/y
Zinc	0.19	(3.0)(15.4)/y

y=wastewater discharged in kgal per ton of product.

[1] Within the range of 5.0 to 9.0 at all times.

(Approved by the Office of Management and Budget under control number 2040–0033)

[47 FR 52019, Nov. 18, 1982; 48 FR 13178, Mar. 30, 1983, as amended at 48 FR 31404, July 8, 1983]

§ 430.156 Pretreatment standards for existing sources (PSES).

(a) Except as provided in 40 CFR 403.7 and 403.13, any existing source subject to this subpart that introduces pollutants into a publicly owned treatment works must comply with 40 CFR part 403 and achieve the following pretreatment standards for existing sources (PSES). Pentachlorophenol and trichlorophenol limitations are only applicable at facilities where chlorophenolic-containing biocides are used. Permittees not using chlorophenolic-containing biocides must certify to the permit-issuing authority that they are not using these biocides. Zinc limitations are only applicable at facilities where zinc hydrosulfite is used as a bleaching agent. Permittees not using zinc hydrosulfite as a bleaching agent must certify to the permit issuing authority that they are not using this bleaching compound. PSES must be attained on or before July 1, 1984.

SUBPART O

Pollutant or pollutant property	PSES
	Maximum for any 1 day
	Milligrams per liter (mg/l)
Pentachlorophenol	(0.011)(21.9)/y
Trichlorophenol	(0.010)(21.9)/y
Zinc	(3.0)(21.9)/y

y=wastewater discharged in kgal per ton of product.

(b) In cases when POTWs find it necessary to impose mass effluent limitations, the following equivalent mass limitations are provided as guidance:

SUBPART O

Pollutant or pollutant property	PSES
	Maximum for any 1 day
	Kg/kkg (or pounds per 1,000 lb) of product
Pentachlorophenol	0.0010
Trichlorophenol	0.00092
Zinc	0.27

(Approved by the Office of Management and Budget under control number 2040–0033)

[47 FR 52019, Nov. 18, 1982; 48 FR 13178, Mar. 30, 1983, as amended at 48 FR 31404, July 8, 1983]

§ 430.157 Pretreatment standards for new sources (PSNS).

(a) Except as provided in 40 CFR 403.7, any new source subject to this subpart that introduces pollutants into a publicly owned treatment works must comply with 40 CFR part 403 and achieve the following pretreatment standards for new sources (PSNS). Pentachlorophenol and trichlorophenol limitations are only applicable at facilities where chlorophenolic-containing biocides are used. Permittees not using chlorophenolic-containing biocides must certify to the permit-issuing authority that they are not using these biocides. Zinc limitations are only applicable at facilities where zinc hydrosulfite is used as a bleaching agent. Permittees not using zinc hydrosulfite as a bleaching agent must certify to the permit issuing authority that they are not using this bleaching compound.

SUBPART O

Pollutant or pollutant property	PSNS
	Maximum for any 1 day
	Milligrams per liter (mg/l)
Pentachlorophenol	(0.016)(15.4)/y
Trichlorophenol	(0.014)(15.4)/y
Zinc	(3.0)(15.4)/y

y=wastewater discharge in kgal per ton of product.

(b) In cases when POTWs find it necessary to impose mass effluent limitations, the following equivalent mass limitations are provided as guidance:

SUBPART O

Pollutant or pollutant property	PSNS
	Maximum for any 1 day
	Kg/kkg (or pounds per 1,000 lb) of product
Pentachlorophenol	0.0010
Trichlorophenol	0.00092
Zinc	0.19

(Approved by the Office of Management and Budget under control number 2040–0033)

[47 FR 52019, Nov. 18, 1982; 48 FR 13178, Mar. 30, 1983, as amended at 48 FR 31404, July 8, 1983]

Subpart P—Soda Subcategory

§ 430.160 Applicability; description of the soda subcategory.

The provisions of this subpart are applicable to discharges resulting from the integrated production of pulp and paper at soda mills.

§ 430.161 Specialized definitions.

For the purpose of this subpart, the general definitions, abbreviations, and methods of analysis set forth in 40 CFR part 401, and § 430.01 shall apply to this subpart.

§ 430.162 Effluent limitations representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available (BPT).

(a) Except as provided in 40 CFR 125.30 through 125.32, any existing point source subject to this subpart must achieve the following effluent limitations representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available (BPT), except that noncontinuous dischargers shall not be subject to the maximum day and average of 30 consecutive days limitations, but shall be subject to annual average effluent limitations determined by dividing the average of 30 consecutive days limitations for BOD5 by 1.78 and TSS by 1.82.

SUBPART P

Pollutant or pollutant property	BPT effluent limitations	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kg/kkg (or pounds per 1,000 lb) of product	
BOD5	13.7	7.1
TSS	24.5	13.2
pH	(1)	(1)

[1] Within the range of 5.0 to 9.0 at all times.

(b) The following limitations establish the quantity or quality of pollutants or pollutant properties, controlled by this section, resulting from the use of wet barking operations, which may be discharged by a point source subject to the provisions of this subpart. These limitations are in addition to the limitations set forth in paragraph (a) of this section and shall be calculated using the proportion of the mill's total production due to use of logs which are subject to such operations. Noncontinuous dischargers shall not be subject to the maximum day and average of 30 consecutive days limitations, but shall be subject to annual average effluent limitations determined by dividing the average of 30 consecutive days limitations for BOD5 by 1.83 and TSS by 1.81.

SUBPART P

Pollutant or pollutant property	BPT effluent limitations	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kg/kkg (or pounds per 1,000 lb) of product	
BOD5	2.05	1.1
TSS	5.25	2.8
pH	(1)	(1)

[1] Within the range of 5.0 to 9.0 at all times.

(c) The following limitations establish the quantity or quality of pollutants or pollutant parameters, controlled by this section, resulting from the use of log washing or chip washing operations, which may be discharged by a point source subject to the provisions of this subpart. These limitations are in addition to the limitations set forth in paragraph (a) of this section and shall be calculated using the proportion of the mill's total production due to use of logs and/or chips which are subject to such operations. Non-continuous dischargers shall not be subject to the maximum day and average of 30 consecutive days limitations, but shall be subject to annual average effluent limitations determined by dividing the average of 30 consecutive days limitations for BOD*5* by 2.00 and TSS by 1.67.

SUBPART P

Pollutant or pollutant property	BPT effluent limitations	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kg/kkg (or pounds per 1,000 lb) of product	
BOD*5*	0.15	0.1
TSS	0.5	0.25
pH	(1)	(1)

1 Within the range of 5.0 to 9.0 at all times.

(d) The following limitations establish the quantity or quality of pollutants or pollutant properties, controlled by this section, resulting from the use of log flumes or log ponds, which may be discharged by a point source subject to the provisions of this subpart. These limitations are in addition to the limitations set forth in paragraph (a) of this section and shall be calculated using the proportion of the mill's total production due to use of logs which are subject to such operations. Non-continuous dischargers shall not be subject to the maximum day and average of 30 consecutive days limitations, but shall be subject to annual average effluent limitations determined by dividing the average of 30 consecutive days limitations for BOD*5* by 2.00 and TSS by 1.57.

SUBPART P

Pollutant or pollutant property	BPT effluent limitations	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kg/kkg (or pounds per 1,000 lb) of product	
BOD*5*	0.3	0.2
TSS	1.1	0.55
pH	(1)	(1)

1 Within the range of 5.0 to 9.0 at all times.

[47 FR 52019, Nov. 18, 1982; 48 FR 13178, Mar. 30, 1983]

§ 430.163 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best conventional pollutant control technology (BCT).

Except as provided in §§ 125.30 through 125.32, any existing point source subject to this subpart shall achieve the following effluent limitations representing the degree of effluent reduction attainable by the application of the best conventional pollutant control technology (BCT): The limitations shall be the same as those specified for conventional pollutants (which are defined in § 401.16) in § 430.162 of this subpart for the best practicable control technology currently available (BPT).

[51 FR 45240, Dec. 17, 1986]

§ 430.164 Effluent limitations representing the degree of effluent reduction attainable by the application of the best available technology economically achievable (BAT).

Except as provided in 40 CFR 125.30 through 125.32, any existing point source subject to this subpart where chlorophenolic-containing biocides are used must achieve the following effluent limitations representing the degree of effluent reduction attainable by the application of the best available technology economically achievable (BAT). Non-continuous dischargers shall not be subject to the maximum day mass limitations in kg/kkg (lb/1000 lb), but shall be subject to concentration limitations. Concentration limitations are only applicable to non-continuous dischargers. Permittees not using

chlorophenolic-containing biocides must certify to the permit-issuing authority that they are not using these biocides.

SUBPART P

Pollutant or pollutant property	BAT effluent limitations	
	Maximum for any 1 day	
	Kg/kkg (pounds per 1,000 lb)	Milligrams/liter
Pentachlorophenol	0.0014	(0.011)(30.9)/y
Trichlorophenol	0.0088	(0.068)(30.9)/y

y=wastewater discharged in kgal per ton of product.

(Approved by the Office of Management and Budget under control number 2040–0033)

[47 FR 52019, Nov. 18, 1982, as amended at 48 FR 31404, July 8, 1983]

§ 430.165 New source performance standards (NSPS).

Any new source subject to this subpart must achieve the following new source performance standards (NSPS), except that non-continuous dischargers shall not be subject to the maximum day and average of 30 consecutive days effluent limitations for BOD5 and TSS, but shall be subject to annual average effluent limitations determined by dividing the average of 30 consecutive days limitations for BOD5 by 1.91 and TSS by 1.90. Also, for non-continuous dischargers, concentration limitations (mg/l) shall apply, where provided. Concentration limitations will only apply to non-continuous dischargers. Only facilities where chlorophenolic-containing biocides are used shall be subject to pentachlorophenol and trichlorophenol limitations. Permittees not using chlorophenolic-containing biocides must certify to the permit-issuing authority that they are not using these biocides.

SUBPART P

Pollutant or pollutant property	NSPS	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kg/kkg (or pounds per 1,000 lb) of product	
BOD5	5.7	3.1
TSS	9.1	4.8
pH	(1)	(1)
	Kg/kkg(lb/1,000 lb) of product	Milligrams/liter
Pentachlorophenol	0.0014	(0.014)(25.1)/y
Trichlorophenol	0.0088	(0.084)(25.1)/y

y=wastewater discharged in kgal per ton of product.

[1] Within the range of 5.0 to 9.0 at all times.

(Approved by the Office of Management and Budget under control number 2040–0033)

[47 FR 52019, Nov. 18, 1982, as amended at 48 FR 31404, July 8, 1983]

§ 430.166 Pretreatment standards for existing sources (PSES).

(a) Except as provided in 40 CFR 403.7 and 403.13, any existing source subject to this subpart that introduces pollutants into a publicly owned treatment works must (1) comply with 40 CFR part 403 and (2) achieve the following pretreatment standards for existing sources (PSES) if it uses chlorophenolic-containing biocides. Permitees not using chlorophenolic-containing biocides must certify to the permit-issuing authority that they are not using these biocides. PSES must be attained on or before July 1, 1984.

SUBPART P

Pollutant or pollutant property	PSES
	Maximum for any 1 day
	Milligrams per liter (mg/l)
Pentachlorophenol	(0.011)(30.9)/y
Trichlorophenol	(0.082)(30.9)/y

y=wastewater discharged in kgal per ton of product.

(b) In cases when POTWs find it necessary to impose mass effluent limitations, the following equivalent mass limitations are provided as guidance:

SUBPART P

Pollutant or pollutant property	PSES
	Maximum for any 1 day
	Kg/kkg (or pounds per 1,000 lb) of product
Pentachlorophenol	0.0014
Trichlorophenol	0.011

(Approved by the Office of Management and Budget under control number 2040–0033)

[47 FR 52019, Nov. 18, 1982, as amended at 48 FR 31404, July 8, 1983]

§ 430.167 Pretreatment standards for new sources (PSNS).

(a) Except as provided in 40 CFR 403.7, any new source subject to this subpart that introduces pollutants into a publicly owned treatment works must (1) comply with 40 CFR part 403 and (2) achieve the following pretreatment standards for new sources (PSNS) if it uses chlorophenolic-containing biocides. Permittees not using chlorophenolic-containing biocides must certify to the permit issuing authority that they are not using these biocides.

SUBPART P

Pollutant or pollutant property	PSNS
	Maximum for any 1 day
	Milligrams per liter (mg/l)
Pentachlorophenol	(0.014)(25.1)/y
Trichlorophenol	(0.101)(25.1)/y

y=wastewater discharge in kgal per ton of product.

(b) In cases when POTWs find it necessary to impose mass effluent limitations, the following equivalent mass limitations are provided as guidance:

SUBPART P

Pollutant or pollutant property	PSNS
	Maximum for any 1 day
	Kg/kkg (or pounds per 1,000 lb) of product
Pentachlorophenol	0.0014
Trichlorophenol	0.011

(Approved by the Office of Management and Budget under control number 2040–0033)

[47 FR 52019, Nov. 18, 1982, as amended at 48 FR 31404, July 8, 1983]

Subpart Q—Deink Subcategory

§ 430.170 Applicability; description of the deink-subcategory.

The provisions of this subpart are applicable to discharges resulting from the integrated production of pulp and paper at deink mills.

§ 430.171 Specialized definitions.

For the purpose of this subpart, the general definitions, abbreviations, and methods of analysis set forth in 40 CFR part 401 and § 430.01 shall apply to this subpart.

§ 430.172 Effluent limitations representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available (BPT).

Except as provided in 40 CFR 125.30 through 125.32, any existing point source subject to this subpart must achieve the following effluent limitations representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available (BPT), except that noncontinuous dischargers shall not be subject to the maximum day and average of 30 consecutive days limitations, but shall be subject to annual average effluent limitations determined by dividing the average of 30 consecutive days limitations for BOD5 by 1.78 and TSS by 1.82.

SUBPART Q

Pollutant or pollutant property	BPT effluent limitations	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kg/kkg (or pounds per 1,000 lb) of product	
BOD5	18.1	9.4
TSS	24.05	12.95
pH	(1)	(1)

[1] Within the range of 5.0 to 9.0 at all times.

§ 430.173 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best conventional pollutant control technology (BCT).

Except as provided in §§ 125.30 through 125.32, any existing point source subject to this subpart shall achieve the following effluent limitations representing the degree of effluent reduction attainable by the application of the best conventional pollutant control technology (BCT): The limitations shall be the same as those specified for conventional pollutants (which are defined in § 401.16) in § 430.172 of this subpart for the best practicable control technology currently available (BPT).

[51 FR 45240, Dec. 17, 1986]

§ 430.174 Effluent limitations representing the degree of effluent reduction attainable by the application of the best available technology economically achievable (BAT).

Except as provided in 40 CFR 125.30 through 125.32, any existing point source subject to this subpart where chlorophenolic-containing biocides are used must achieve the following effluent limitations representing the degree of effluent reduction attainable by the application of the best available technology economically achievable (BAT). Non-continuous dischargers shall not be subject to the maximum day mass limitations in kg/kkg (lb/1,000 lb), but shall be subject to concentration limitations. Concentration limitations are only applicable to non-continuous dischargers. Permittees not using chlorophenolic-containing biocides must certify to the permit-issuing authority that they are not using these biocides.

SUBPART Q

[Facilities where fine or tissue paper is produced]

Pollutant or pollutant property	BAT effluent limitations	
	Maximum for any 1 day	
	Kg/kkg (pounds per 1,000 lb)	Milligrams/liter
Pentachlorophenol	0.0030	(0.029)(24.4)/y
Trichlorophenol	0.0069	(0.068)(24.4)/y

y=wastewater discharged in kgal per ton of product.

SUBPART Q

[Facilities where newsprint is produced]

Pollutant or pollutant property	BAT effluent limitations	
	Maximum for any 1 day	
	Kg/kkg (pounds per 1,000 lb)	Milligrams/liter
Pentachlorophenol	0.0030	(0.029)(24.4)/y
Trichlorophenol	0.0010	(0.010)(24.4)/y

y=wastewater discharged in kgal per ton of product.

(Approved by the Office of Management and Budget under control number 2040–0033)

[47 FR 52019, Nov. 18, 1982, as amended at 48 FR 31405, July 8, 1983]

§ 430.175 New source performance standards (NSPS).

Any new source subject to this subpart must achieve the following new source performance standards (NSPS), except that non-continuous dischargers shall not be subject to the maximum day and average of 30 consecutive days effluent limitations for DOD5 and TSS, but shall be subject to annual average effluent limitations determined by dividing the average of 30 consecutive days limitations for BOD5 by 1.91 and TSS by 1.90. Also, for non-continuous dischargers, concentration limitations (mg/l) shall apply, where provided. Concentration limitations will only apply to non-continuous dischargers. Only facilities where chlorophenolic-containing biocides are used shall be subject to pentachlorophenol and trichlorophenol limitation. Permittees not using chlorophenolic-containing biocides

must certify to the permit-issuing authority that they are not using these biocides.

SUBPART Q

[Facilities where fine paper is produced]

Pollutant or pollutant property	NSPS	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kg/kkg (or pounds per 1,000 lb) of product	
BOD*5*	5.7	3.1
TSS	8.7	4.6
pH	(1)	(1)
	Kg/kkg(lb/1,000 lb) of product	Milligrams/liter
Pentachlorophenol	0.0030	(0.045)(15.9)/y
Trichlorophenol	0.0069	(0.104)(15.9)/y

y=wastewater discharged in kgal per ton of product.

[1] Within the range of 5.0 to 9.0 at all times.

SUBPART Q

[Facilities where tissue paper is produced]

Pollutant or pollutant property	NSPS	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kg/kkg (or pounds per 1,000 lb) of product	
BOD*5*	9.6	5.2
TSS	13.1	6.8
pH	(1)	(1)
	Kg/kkg(lb/1,000 lb) of product	Milligrams/liter
Pentachlorophenol	0.0030	(0.036)(19.5)/y
Trichlorophenol	0.0069	(0.085)(19.5)/y

y=wastewater discharged in kgal per ton of product.

[1] Within the range of 5.0 to 9.0 at all times.

SUBPART Q

[Facilities where newsprint is produced]

Pollutant or pollutant property	NSPS	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kg/kkg (or pounds per 1,000 lb) of product	
BOD*5*	6.0	3.2
TSS	12.0	6.3
pH	(1)	(1)
	Kg/kkg(lb/1,000 lb) of product	Milligrams/liter
Pentachlorophenol	0.0030	(0.044)(16.2)/y
Trichlorophenol	0.0010	(0.015)(16.2)/y

y=wastewater discharged in kgal per ton of product.

[1] Within the range of 5.0 to 9.0 at all times.

(Approved by the Office of Management and Budget under control number 2040–0033)

[47 FR 52019, Nov. 18, 1982, as amended at 48 FR 31405, July 8, 1983]

§ 430.176 Pretreatment standards for existing sources (PSES).

(a) Except as provided in 40 CFR 403.7 and 403.13, any existing source subject to this subpart that introduces pollutants into a publicly owned treatment works must (1) comply with 40 CFR part 403 and (2) achieve the following pretreatment standards for existing sources (PSES) if it uses chlorophenolic-containing biocides. Permittees not using chlorophenolic-containing biocides must certify to the permit-issuing authority that they are not using these biocides. PSES must be attained on or before July 1, 1984.

SUBPART Q

[Facilities where fine or tissue paper is produced]

Pollutant or pollutant property	PSES
	Maximum for any 1 day
	Milligrams per liter (mg/l)
Pentachlorophenol	(0.032)(24.4)/y
Trichlorophenol	(0.082)(24.4)/y

y=wastewater discharged in kgal per ton of product.

SUBPART Q
[Facilities where newsprint is produced]

Pollutant or pollutant property	PSES
	Maximum for any 1 day
	Milligrams per liter (mg/l)
Pentachlorophenol	(0.032)(24.4)/y
Trichlorophenol	(0.010)(24.4)/y

y=wastewater discharged in kgal per ton of product.

(b) In cases when POTWs find it necessary to impose mass effluent limitations, the following equivalent mass limitations are provided as guidance:

SUBPART Q
[Facilities where fine or tissue paper is produced]

Pollutant or pollutant property	PSES
	Maximum for any 1 day
	Kg/kkg (or pounds per 1,000 lb) of product
Pentachlorophenol	0.0033
Trichlorophenol	0.0084

SUBPART Q
[Facilities where newsprint is produced]

Pollutant or pollutant property	PSES
	Maximum for any 1 day
	Kg/kkg (or pounds per 1,000 lb) of product
Pentachlorophenol	0.0033
Trichlorophenol	0.0010

(Approved by the Office of Management and Budget under control number 2040–0033)

[47 FR 52019, Nov. 18, 1982, as amended at 48 FR 31405, July 8, 1983]

§ 430.177 Pretreatment standards for new sources (PSNS).

(a) Except as provided in 40 CFR 403.7, any new source subject to this subpart that introduces pollutants into a publicly owned treatment works must (1) comply with 40 CFR part 403 and (2) achieve the following pretreatment standards for new sources (PSNS) if it uses chlorophenolic-containing biocides. Permittees not using chlorophenolic-containing biocides must certify to the permit-issuing authority that they are not using these biocides.

SUBPART Q
[Facilities where fine paper is produced]

Pollutant or pollutant property	PSNS
	Maximum for any 1 day
	Milligrams per liter (mg/l)
Pentachlorophenol	(0.049)(15.9)/y
Trichlorophenol	(0.126)(15.9)/y

y=wastewater discharge in kgal per ton of product.

SUBPART Q
[Facilities where tissue paper is produced]

Pollutant or pollutant property	PSNS
	Maximum for any 1 day
	Milligrams per liter (mg/l)
Pentachlorophenol	(0.040)(19.5)/y
Trichlorophenol	(0.103)(19.5)/y

y=wastewater discharge in kgal per ton of product.

SUBPART Q
[Facilities where newsprint is produced]

Pollutant or pollutant property	PSNS
	Maximum for any 1 day
	Milligrams per liter (mg/l)
Pentachlorophenol	(0.048)(16.2)/y
Trichlorophenol	(0.015)(16.2)/y

y=wastewater discharge in kgal per ton of product.

(b) In cases when POTWs find it necessary to impose mass effluent limitations, the following equivalent mass limitations are provided as guidance:

SUBPART Q
[Facilities where fine or tissue paper is produced]

Pollutant or pollutant property	PSNS
	Maximum for any 1 day
	Kg/kkg (or pounds per 1,000 lb) of product
Pentachlorophenol	0.0033
Trichlorophenol	0.0084

SUBPART Q
[Facilities where newsprint is produced]

Pollutant or pollutant property	PSNS
	Maximum for any 1 day
	Kg/kkg (or pounds per 1,000 lb) of product
Pentachlorophenol	0.0033
Trichlorophenol	0.0010

(Approved by the Office of Management and Budget under control number 2040–0033)

[47 FR 52019, Nov. 18, 1982, as amended at 48 FR 31405, July 8, 1983]

Subpart R—Nonintegrated-Fine Papers Subcategory

§ 430.180 Applicability; description of the nonintegrated-fine papers subcategory.

The provisions of this subpart are applicable to discharges resulting from the production of fine paper at nonintegrated mills.

§ 430.181 Specialized definitions.

For the purpose of this subpart:

(a) Except as provided below, the general definitions, abbreviations, and methods of analysis set forth in 40 CFR part 401 and § 430.01 shall apply to this subpart.

(b) Cotton fiber furnish subdivision mills are those mills where significant quantities of cotton fibers (equal to or greater than 4 percent of the total product) are used in the production of fine papers.

(c) Wood fiber furnish subdivision mills are those mills where cotton fibers are not used in the production of fine papers.

[47 FR 52019, Nov. 18, 1982; 48 FR 13178, Mar. 30, 1983]

§ 430.182 Effluent limitations representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available (BPT).

Except as provided in 40 CFR 125.30 through 125.32, any existing point source subject to this subpart must achieve the following effluent limitations representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available (BPT), except that non-continuous dischargers shall not be subject to the maximum day and average of 30 consecutive days limitations, but shall be subject to annual average effluent limitations determined by dividing the average of 30 consecutive days limitations for BOD5 by 1.78 and TSS by 1.82.

SUBPART R

[Wood fiber furnish subdivision]

Pollutant or pollutant property	BPT effluent limitations	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kg/kkg (or pounds per 1,000 lb) of product	
BOD5	8.2	4.25
TSS	11.0	5.9
pH	(1)	(1)

[1] Within the range of 5.0 to 9.0 at all times.

SUBPART R

[Cotton fiber furnish subdivision]

Pollutant or pollutant property	BPT effluent limitations	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kg/kkg (or pounds per 1,000 lb) of product	
BOD5	17.4	9.1
TSS	24.3	13.1
pH	(1)	(1)

[1] Within the range of 5.0 to 9.0 at all times.

§ 430.183 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best conventional pollutant control technology (BCT).

Except as provided in §§ 125.30 through 125.32, any existing point source subject to this subpart shall achieve the following effluent limitations representing the degree of effluent reduction attainable by the application of the best conventional pollutant control technology (BCT): The limitations shall be the same as those specified for conventional pollutants (which are defined in § 401.16) in § 430.182 of this subpart for the best practicable control technology currently available (BPT).

[51 FR 45240, Dec. 17, 1986]

§ 430.184 Effluent limitations representing the degree of effluent reduction attainable by the application of the best technology economically achievable (BAT).

Except as provided in 40 CFR 125.30 through 125.32, any existing point source subject to this subpart where chlorophenolic-containing biocides are

used must achieve the following effluent limitations representing the degree of effluent reduction attainable by the application of the best available technology economically achievable (BAT). Non-continuous dischargers shall not be subject to the maximum day mass limitations in kg/kkg (lb/1,000 lb), but shall be subject to concentration limitations. Concentration limitations are only applicable to non-continuous dischargers. Permittees not using chlorophenolic-containing biocides must certify to the permit-issuing authority that they are not using these biocides.

SUBPART R

[Wood fiber furnish subdivision]

Pollutant or pollutant property	BAT effluent limitations	
	Maximum for any 1 day	
	Kg/kkg (pounds per 1,000 lb)	Milligrams/liter
Pentachlorophenol	0.0018	(0.029)(15.2)/y
Trichlorophenol	0.00064	(0.010)(15.2)/y

y=wastewater discharged in kgal per ton of product.

SUBPART R

[Cotton fiber furnish subdivision]

Pollutant or pollutant property	BAT effluent limitations	
	Maximum for any 1 day	
	Kg/kkg (pounds per 1,000 lb)	Milligrams/liter
Pentachlorophenol	0.0051	(0.029)(42.3)/y
Trichlorophenol	0.0018	(0.010)(42.3)/y

y=wastewater discharged in kgal per ton of product.

(Approved by the Office of Management and Budget under control number 2040–0033)

[47 FR 52019, Nov. 18, 1982, as amended at 48 FR 31405, July 8, 1983]

§ 430.185 New source performance standards (NSPS).

Any new source subject to this subpart must achieve the following new source performance standards (NSPS), except that non-continuous dischargers shall not be subject to the maximum day and average of 30 consecutive days effluent limitations for BOD5 and TSS, but shall be subject to annual average effluent limitations determined by dividing the average of 30 consecutive days limitations for BOD5 by 1.91 and TSS by 1.90. Also, for non-continuous dischargers, concentration limitations (mg/l) shall apply, where provided. Concentration limitations will only apply to non-continuous dischargers. Only facilities where chlorophenolic-containing biocides are used shall be subject to pentachlorophenol and trichlorophenol limitations. Permittees not using chlorophenolic-containing biocides must certify to the permit-issuing authority that they are not using these biocides.

SUBPART R

[Wood fiber furnish subdivision]

Pollutant or pollutant property	NSPS	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kg/kkg (or pounds per 1,000 lb) of product	
BOD5	3.5	1.9
TSS	4.4	2.3
pH	(1)	(1)
	Kg/kkg(lb/1,000 lb) of product	Milligrams/liter
Pentachlorophenol	0.0018	(0.047)(9.4)/y
Trichlorophenol	0.00064	(0.016)(9.4)/y

y=wastewater discharged in kgal per ton of product.

[1] Within the range of 5.0 to 9.0 at all times.

SUBPART R

[Cotton fiber furnish subdivision]

Pollutant or pollutant property	NSPS	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kg/kkg (or pounds per 1,000 lb) of product	
BOD5	7.8	4.2
TSS	9.5	4.9
pH	(1)	(1)
	Kg/kkg(lb/1,000 lb) of product	Milligrams/liter
Pentachlorophenol	0.0051	(0.039)(31.1)/y
Trichlorophenol	0.0018	(0.014)(31.1)/y

y=wastewater discharged in kgal per ton of product.

[1] Within the range of 5.0 to 9.0 at all times.

(Approved by the Office of Management and Budget under control number 2040–0033)

[47 FR 52019, Nov. 18, 1982; 48 FR 13178, Mar. 30, 1983, as amended at 48 FR 31405, July 8, 1983]

§ 430.186 Pretreatment standards for existing sources (PSES).

(a) Except as provided in 40 CFR 403.7 and 403.13, any existing source subject to this subpart that introduces pollutants into a publicly owned treatment works must (1) comply with 40 CFR part 403 and (2) achieve the following pretreatment standards for existing sources (PSES) if it uses chlorophenolic-containing biocides. Permittees not using chlorophenolic-containing biocides must certify to the permit-issuing authority that they are not using these biocides. PSES must be attained on or before July 1, 1984.

SUBPART R

[Wood fiber furnish subdivision]

Pollutant or pollutant property	PSES
	Maximum for any 1 day
	Milligrams per liter (mg/l)
Pentachlorophenol	(0.032)(15.2)/y
Trichlorophenol	(0.010)(15.2)/y

y=wastewater discharged in kgal per ton of product.

SUBPART R

[Cotton fiber furnish subdivision]

Pollutant or pollutant property	PSES
	Maximum for any 1 day
	Milligrams per liter (mg/l)
Pentachlorophenol	(0.032)(42.3)/y
Trichlorophenol	(0.010)(42.3)/y

y=wastewater discharged in kgal per ton of product.

(b) In cases when POTWs find it necessary to impose mass effluent limitations, the following equivalent mass limitations are provided as guidance:

SUBPART R

[Wood fiber furnish subdivision]

Pollutant or pollutant property	PSES
	Maximum for any 1 day
	Kg/kkg (or pounds per 1,000 lb) of product
Pentachlorophenol	0.0020
Trichlorophenol	0.00064

SUBPART R

[Cotton fiber furnish subdivision]

Pollutant or pollutant property	PSES
	Maximum for any 1 day
	Kg/kkg (or pounds per 1,000 lb) of product
Pentachlorophenol	0.0056
Trichlorophenol	0.0018

(Approved by the Office of Management and Budget under control number 2040–0033)

[47 FR 52019, Nov. 18, 1982; 48 FR 13178, Mar. 30, 1983, as amended at 48 FR 31405, July 8, 1983]

§ 430.187 Pretreatment standards for new sources (PSNS).

(a) Except as provided in CFR 403.7, any new source subject to this subpart that introduces pollutants into a publicly owned treatment works must (1) comply with 40 CFR part 403 and (2) achieve the following pretreatment standards for new sources (PSNS) if it uses chlorophenolic-containing biocides. Permittees not using chlorophenolic-containing biocides must certify to the permit-issuing authority that they are not using these biocides.

SUBPART R

[Wood fiber furnish subdivision]

Pollutant or pollutant property	PSNS
	Maximum for any 1 day
	Milligrams per liter (mg/l)
Pentachlorophenol	(0.052)(9.4)/y
Trichlorophenol	(0.016)(9.4)/y

y=wastewater discharge in kgal per ton of product.

SUBPART R

[Cotton fiber furnish subdivision]

Pollutant or pollutant property	PSNS
	Maximum for any 1 day
	Milligrams per liter (mg/l)
Pentachlorophenol	(0.044)(31.1)/y
Trichlorophenol	(0.014)(31.1)/y

y=wastewater discharge in kgal per ton of product.

(b) In cases when POTWs find it necessary to impose mass effluent limitations, the following equivalent mass limitations are provided as guidance:

SUBPART R
[Wood fiber furnish subdivision]

Pollutant or pollutant property	PSNS
	Maximum for any 1 day
	Kg/kkg (or pounds per 1,000 lb) of product
Pentachlorophenol	0.0020
Trichlorophenol	0.00064

SUBPART R
[Cotton fiber furnish subdivision]

Pollutant or pollutant property	PSNS
	Maximum for any 1 day
	Kg/kkg (or pounds per 1,000 lb) of product
Pentachlorophenol	0.0056
Trichlorophenol	0.0018

(Approved by the Office of Management and Budget under control number 2040–0033)

[47 FR 52019, Nov. 18, 1982; 48 FR 13178, Mar. 30, 1983, as amended at 48 FR 31405, July 8, 1983]

Subpart S—Nonintegrated-Tissue Papers Subcategory

§ 430.190 Applicability; description of the nonintegrated-tissue papers subcategory.

The provisions of this subpart are applicable to discharges resulting from the production of tissue papers at nonintegrated mills.

§ 430.191 Specialized definitions.

For the purpose of this subpart, the general definitions, abbreviations, and methods of analysis set forth in 40 CFR part 401 and § 430.01 shall apply to this subpart.

§ 430.192 Effluent limitations representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available (BPT).

Except as provided in 40 CFR 125.30 through 125.32, any existing point source subject to this subpart must achieve the following effluent limitations representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available (BPT), except that noncontinuous dischargers shall not be subject to the maximum day and average of 30 consecutive days limitations, but shall be subject to annual average effluent limitations determined by dividing the average of 30 consecutive days limitations for BOD5 by 1.79 and TSS by 1.76.

SUBPART S

Pollutant or pollutant property	BPT effluent limitations	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kg/kkg (or pounds per 1,000 lb) of product	
BOD5	11.4	6.25
TSS	10.25	5.0
pH	(1)	(1)

[1] Within the range of 5.0 to 9.0 at all times.

§ 430.193 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best conventional pollutant control technology (BCT).

Except as provided in §§ 125.30 through 125.32, any existing point source subject to this subpart shall achieve the following effluent limitations representing the degree of effluent reduction attainable by the application of the best conventional pollutant control technology (BCT): The limitations shall be the same as those specified for conventional pollutants (which are defined in § 401.16) in § 430.192 of this subpart for the best practicable control technology currently available (BPT).

[51 FR 45240, Dec. 17, 1986]

§ 430.194 Effluent limitations representing the degree of effluent reduction attainable by the application of the best available technology economically achievable (BAT).

Except as provided in 40 CFR 125.30 through 125.32, any existing point source subject to this subpart where chlorophenolic-containing biocides are used must achieve the following effluent limitations representing the degree of effluent reduction attainable by the application of the best available technology economically achievable (BAT). Non-continuous dischargers shall not be subject to the maximum day mass

limitations in kg/kkg (lb/1000 lb), but shall be subject to concentration limitations. Concentration limitations are only applicable to non-continuous dischargers. Permittees not using chlorophenolic-containing biocides must certify to the permit-issuing authority that they are not using these biocides.

SUBPART S

Pollutant or pollutant property	BAT effluent limitations	
	Maximum for any 1 day	
	Kg/kkg (pounds per 1,000 lb)	Milligrams/liter
Pentachlorophenol	0.0028	(0.029)(22.9)/y
Trichlorophenol	0.00096	(0.010)(22.9)/y

y=wastewater discharged in kgal per ton of product.

(Approved by the Office of Management and Budget under control number 2040–0033)

[47 FR 52019, Nov. 18, 1982, as amended at 48 FR 31405, July 8, 1983]

§ 430.195 New source performance standards (NSPS).

Any new source subject to this subpart must achieve the following new source performance standards (NSPS), except that non-continuous dischargers shall not be subject to the maximum day and average of 30 consecutive days effluent limitations for BOD5 and TSS but shall be subject to annual average effluent limitations determined by dividing the average of 30 consecutive days limitations for BOD5 by 1.48 and TSS by 1.64. Also, for non-continuous dischargers, concentration limitations (mg/l) shall apply, where provided. Concentration limitations will only apply to non-continuous dischargers. Only facilities where chlorophenolic-containing biocides are used shall be subject to pentachlorophenol and trichlorophenol limitations. Permittees not using chlorophenolic-containing biocides must certify to the permit-issuing authority that they are not using these biocides.

SUBPART S

Pollutant or pollutant property	NSPS	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kg/kkg (or pounds per 1,000 lb) of product	
BOD5	7.0	3.4
TSS	6.0	2.6
pH	(1)	(1)
	Kg/kkg(lb/1,000 lb) of product	Milligrams/liter
Pentachlorophenol	0.0028	(0.035)(19.1)/y
Trichlorophenol	0.00096	(0.012)(19.1)/y

y=wastewater discharged in kgal per ton of product.

[1] Within the range of 5.0 to 9.0 at all times.

(Approved by the Office of Management and Budget under control number 2040–0033)

[47 FR 52019, Nov. 18, 1982, as amended at 48 FR 31405, July 8, 1983]

§ 430.196 Pretreatment standards for existing sources (PSES).

(a) Except as provided in 40 CFR 403.7 and 403.13, any existing source subject to this subpart that introduces pollutants into a publicly owned treatment works must (1) comply with 40 CFR part 403 and (2) achieve the following pretreatment standards for existing sources (PSES) if it uses chlorophenolic-containing biocides. Permittees not using chlorophenolic-containing biocides must certify to the permit-issuing authority that they are not using these biocides. PSES must be attained on or before July 1, 1984.

SUBPART S

Pollutant or pollutant property	PSES
	Maximum for any 1 day
	Milligrams per liter (mg/l)
Pentachlorophenol	0.032(22.9)/y
Trichlorophenol	0.010(22.9)/y

y=wastewater discharged in kgal per ton of product.

(b) In cases when POTWs find it necessary to impose mass effluent limitations, the following equivalent mass limitations are provided as guidance:

SUBPART S

Pollutant or pollutant property	PSES
	Maximum for any 1 day
	Kg/kkg (or pounds per 1,000 lb) of product
Pentachlorophenol	0.0031
Trichlorophenol	0.00096

(Approved by the Office of Management and Budget under control number 2040–0033)

[47 FR 52019, Nov. 18, 1982; 48 FR 13178, Mar. 30, 1983, as amended at 48 FR 31405, July 8, 1983]

§ 430.197 Pretreatment standards for new sources (PSNS).

(a) Except as provided in 40 CFR 403.7, any new source subject to this subpart that introduces pollutants into a publicly owned treatment works must (1) comply with 40 CFR part 403 and (2) achieve the following pretreatment standards for new sources (PSNS) if it uses chlorophenolic-containing biocides. Permittees not using chlorophenolic-containing biocides must certify to the permit-issuing authority that they are not using these biocides.

SUBPART S

Pollutant or pollutant property	PSNS
	Maximum for any 1 day
	Milligrams per liter (mg/l)
Pentachlorophenol	(0.038)(19.1)/y
Trichlorophenol	(0.012)(19.1)/y

y=wastewater discharge in kgal per ton of product.

(b) In cases when POTWs find it necessary to impose mass effluent limitations, the following equivalent mass limitations are provided as guidance:

SUBPART S

Pollutant or pollutant property	PSNS
	Maximum for any 1 day
	Kg/kkg (or pounds per 1,000 lb) of product
Pentachlorophenol	0.0031
Trichlorophenol	0.00096

(Approved by the Office of Management and Budget under control number 2040–0033)

[47 FR 52019, Nov. 18, 1982; 48 FR 13178, Mar. 30, 1983; 48 FR 31405, July 8, 1983]

Subpart T—Tissue from Wastepaper Subcategory

§ 430.200 Applicability; description of the tissue from wastepaper subcategory.

The provisions of this subpart are applicable to discharges resulting from the production of tissue paper from wastepaper without deinking at secondary fiber mills.

§ 430.201 Specialized definitions.

For the purpose of this subpart, the general definitions, abbreviations, and methods of analysis set forth in 40 CFR part 401 and § 430.01 shall apply to this subpart.

§ 430.202 Effluent limitations representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available (BPT).

Except as provided in 40 CFR 125.30 through 125.32, any existing point source subject to this subpart must achieve the following effluent limitations representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available (BPT), except that noncontinuous dischargers shall not be subject to the maximum day and average of 30 consecutive days limitations, but shall be subject to annual average effluent limitations determined by dividing the average of 30 consecutive days limitations for BOD5 by 1.78 and TSS by 1.82

SUBPART T

Pollutant or pollutant property	BPT effluent limitations	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kg/kkg (or pounds per 1,000 lb) of product	
BOD*5*	13.7	7.1
TSS	17.05	9.2
pH	(1)	(1)

[1] Within the range of 5.0 to 9.0 at all times.

§ 430.203 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best conventional pollutant control technology (BCT).

Except as provided in §§ 125.30 through 125.32, any existing point source subject to this subpart shall achieve the following effluent limitations representing the degree of effluent reduction attainable by the application of the best conventional pollutant control technology (BCT): The limitations shall be the same as those specified for conventional pollutants (which are defined in § 401.16) in § 430.202 of this subpart for the best practicable control technology currently available (BPT).

[51 FR 45240, Dec. 17, 1986]

§ 430.204 Effluent limitations representing the degree of effluent reduction attainable by the application of the best available technology economically achievable (BAT).

Except as provided in 40 CFR 125.30 through 125.32, any existing point source subject to this subpart where chlorophenolic-containing biocides are used must achieve the following effluent limitations representing the degree of effluent reduction attainable by the application of the best available technology economically achievable (BAT). Non-continuous dischargers shall not be subject to the maximum day mass limitations in kg/kkg (lb/1000 lb), but shall be subject to concentration limitations. Concentration limitations are only applicable to non-continuous dischargers. Permittees not using chlorophenolic-containing biocides must certify to the permit-issuing authority that they are not using these biocides.

SUBPART T

Pollutant or pollutant property	BAT effluent limitations	
	Maximum for any 1 day	
	Kg/kkg (pounds per 1,000 lb)	Milligrams/liter
Pentachlorophenol	0.0030	(0.029)(25.2)/y
Trichlorophenol	0.0011	(0.010)(25.2)/y

y=wastewater discharged in kgal per ton of product.

(Approved by the Office of Management and Budget under control number 2040–0033)

[47 FR 52019, Nov. 18, 1982, as amended at 48 FR 31405, July 8, 1983]

§ 430.205 New source performance standards (NSPS).

Any new source subject to this subpart must achieve the following new source performance standards (NSPS), except that non-continuous dischargers shall not be subject to the maximum day and average of 30 consecutive days effluent limitations of BOD*5* and TSS, but shall be subject to annual average effluent limitations determined by dividing the average of 30 consecutive days limitations for BOD*5* by 1.91 and TSS by 1.90. Also, for non-continuous dischargers, concentration limitations (mg/l) shall apply, where provided. Concentration limitations will only apply to non-continuous dischargers. Only facilities where chlorophenolic-containing biocides are used shall be subject to pentachlorophenol and trichlorophenol limitations. Permittees not using chlorophenolic-containing biocides must certify to the permit-issuing authority that they are not using these biocides.

SUBPART T

Pollutant or pollutant property	NSPS	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kg/kkg (or pounds per 1,000 lb) of product	
BOD*5*	4.6	2.5
TSS	10.2	5.3
pH	(1)	(1)
	Kg/kkg(lb/1,000 lb) of product	Milligrams/liter
Pentachlorophenol	0.0030	(0.045)(16.3)/y
Trichlorophenol	0.0011	(0.015)(16.3)/y

y=wastewater discharged in kgal per ton of product.

[1] Within the range of 5.0 to 9.0 at all times.

(Approved by the Office of Management and Budget under control number 2040–0033)

[47 FR 52019, Nov. 18, 1982; 48 FR 13178, Mar. 30, 1983, as amended at 48 FR 31405, July 8, 1983]

§ 430.206 Pretreatment standards for existing sources (PSES).

(a) Except as provided in 40 CFR 403.7 and 403.13, any existing source subject to this subpart that introduces pollutants into a publicly owned treatment works must (1) comply with 40 CFR part 403 and (2) achieve the following pretreatment standards for existing sources (PSES) if it uses chlorophenolic-containing biocides. Permittees not using chlorophenolic-containing biocides must certify to the permit-issuing authority that they are not using these biocides. PSES must be attained on or before July 1, 1984.

SUBPART T

Pollutant or pollutant property	PSES
	Maximum for any 1 day
	Milligrams per liter (mg/l)
Pentachlorophenol	(0.032)(25.2)/y
Trichlorophenol	(0.010)(25.2)/y

y=wastewater discharged in kgal per ton of product.

(b) In cases when POTW's find it necessary to impose mass effluent limitations, the following equivalent mass limitations are provided as guidance:

SUBPART T

Pollutant or pollutant property	PSES
	Maximum for any 1 day
	Kg/kkg (or pounds per 1,000 lb) of product
Pentachlorophenol	0.0034
Trichlorophenol	0.0011

(Approved by the Office of Management and Budget under control number 2040–0033)

[47 FR 52019, Nov. 18, 1982, as amended at 48 FR 31405, July 8, 1983]

§ 430.207 Pretreatment standards for new sources (PSNS).

(a) Except as provided in 40 CFR 403.7, any new source subject to this subpart that introduces pollutants into a publicly owned treatment works must (1) comply with 40 CFR part 403 and (2) achieve the following pretreatment standards for new sources (PSNS) if it uses cholorophenolic-containing biocides. Permittees not using chlorophenolic-containing biocides must certify to the permit-issuing authority that they are not using these biocides.

SUBPART T

Pollutant or pollutant property	PSNS
	Maximum for any 1 day
	Milligrams per liter (mg/l)
Pentachlorophenol	(0.049)(16.3)/y
Trichlorophenol	(0.015)(16.3)/y

y=wastewater discharge in kgal per ton of product.

(b) In cases when POTWs find it necessary to impose mass effluent limitations, the following equivalent mass limitations are provided as guidance:

SUBPART T

Pollutant or pollutant property	PSNS
	Maximum for any 1 day
	Kg/kkg (or pounds per 1,000 lb) of product
Pentachlorophenol	0.0034
Trichlorophenol	0.0011

(Approved by the Office of Management and Budget under control number 2040–0033)

[47 FR 52019, Nov. 18, 1982, as amended at 48 FR 31405, July 8, 1983]

Subpart U—Papergrade Sulfite (Drum Wash) Subcategory

§ 430.210 Applicability; description of the papergrade sulfite (drum wash) subcategory.

The provisions of this subpart are applicable to discharge resulting from the integrated production of pulp and paper at papergrade sulfite mills, where vacuum or pressure drums are used to wash pulp.

§ 430.211 Specialized definitions.

For the purpose of this subpart:

(a) Except as provided below, the general definitions, abbreviations, and methods of analysis set forth in 40 CFR part 401 and § 430.01 shall apply to this subpart.

(b) Sulfite cooking liquor shall be defined as bisulfite cooking liquor when the pH of the liquor is between 3.0 and 6.0 and as acid sulfite cooking liquor when the pH is less than 3.0.

§ 430.212 Effluent limitations representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available (BPT).

(a) Except as provided in 40 CFR 125.30 through 125.32, any existing point source subject to this subpart must achieve the following effluent limitations representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available (BPT), except that noncontinuous dischargers shall not be subject to the maximum day and average of 30 consecutive days limitations, but shall be subject to annual average effluent limitations determined by dividing the average of 30 consecutive days limitations for BOD*5* by 1.78 and TSS by 1.82.

SUBPART U

[Bisulfite liquor/surface condensers]

Pollutant or pollutant property	BPT effluent limitations	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kg/kkg (or pounds per 1,000 lb) of product	
BOD*5*	26.7	13.9
TSS	43.95	23.65
pH	(1)	(1)

1 Within the range of 5.0 to 9.0 at all times.

NOTE: Limitations above do not apply to mills using continuous digesters.

SUBPART U

[Bisulfite liquor/barometric condensers]

Pollutant or pollutant property	BPT effluent limitations	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kg/kkg (or pounds per 1,000 lb) of product	
BOD*5*	29.4	15.3
TSS	52.2	28.1
pH	(1)	(1)

1 Within the range of 5.0 to 9.0 at all times.

NOTE: Limitations above do not apply to mills using continuous digesters.

SUBPART U

[Acid sulfite liquor/surface condensers]

Pollutant or pollutant property	BPT effluent limitations	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kg/kkg (or pounds per 1,000 lb) of product	
BOD*5*	29.75	15.5
TSS	43.95	23.65
pH	(1)	(1)

1 Within the range of 5.0 to 9.0 at all times.

NOTE: Limitations above do not apply to mills using continuous digesters.

SUBPART U

[Acid sulfite liquor/barometric condensers]

Pollutant or pollutant property	BPT effluent limitations	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kg/kkg (or pounds per 1,000 lb) of product	
BOD*5*	32.5	16.9
TSS	52.2	28.1
pH	(1)	(1)

1 Within the range of 5.0 to 9.0 at all times.

NOTE: Limitations above do not apply to mills using continuous digesters.

SUBPART U

[Continuous digesters]

Pollutant or pollutant property	BPT effluent limitations	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kg/kkg (or pounds per 1,000 lb) of product	
BOD*5*	38.15	19.85
TSS	53.75	28.95
pH	(1)	(1)

1 Within the range of 5.0 to 9.0 at all times.

(b) The following limitations establish the quantity or quality of pollutants or pollutant properties, controlled by this section, resulting from the use of wet barking operations, which may be discharged by a point source subject to the provisions of this subpart. These limitations are in addition to the limitations set forth in paragraph (a) of this section and shall be calculated using the proportion of the mill's total production due to use of logs which are

subject to such operations. Non-continuous dischargers shall not be subject to the maximum day and average of 30 consecutive days limitations, but shall be subject to annual average effluent limitations determined by dividing the average of 30 consecutive days limitations for BOD5 by 1.78 and TSS by 1.80.

SUBPART U

Pollutant or pollutant property	BPT effluent limitations	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kg/kkg (or pounds per 1,000 lb) of product	
BOD5	3.05	1.6
TSS	7.5	3.95
pH	(1)	(1)

[1] Within the range of 5.0 to 9.0 at all times.

(c) The following limitations establish the quantity or quality of pollutants or pollutant parameters, controlled by this section, resulting from the use of log washing or chip washing operations, which may be discharged by a point source subject to the provisions of this subpart. These limitations are in addition to the limitations set forth in paragraph (a) of this section and shall be calculated using the proportion of the mill's total production due to use of logs and/or chips which are subject to such operations. Non-continuous dischargers shall not be subject to the maximum day and average of 30 consecutive days limitations, but shall be subject to annual average effluent limitations determined by dividing the average of 30 consecutive days limitations for BOD5 by 2.00 and TSS by 1.80.

SUBPART U

Pollutant or pollutant property	BPT effluent limitations	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kg/kkg (or pounds per 1,000 lb) of product	
BOD5	0.35	0.2
TSS	2.55	1.35
pH	(1)	(1)

[1] Within the range of 5.0 to 9.0 at all times.

(d) The following limitations establish the quantity or quality of pollutants or pollutant properties, controlled by this section, resulting from the use of log flumes or log ponds, which may be discharged by a point source subject to the provisions of this subpart. These limitations are in addition to the limitations set forth in paragraph (a) of this section and shall be calculated using the proportion of the mill's total production due to use of logs which are subject to such operations. Non-continuous dischargers shall not be subject to the maximum day and average of 30 consecutive days limitations, but shall be subject to annual average effluent limitations determined by dividing the average of 30 consecutive days limitations for BOD5 by 1.75 and TSS by 1.80.

SUBPART U

Pollutant or pollutant property	BPT effluent limitations	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kg/kkg (or pounds per 1,000 lb) of product	
BOD5	0.7	0.35
TSS	1.7	0.9
pH	(1)	(1)

[1] Within the range of 5.0 to 9.0 at all times.

§ 430.213 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best conventional pollutant control technology (BCT).

Except as provided in §§ 125.30 through 125.32, any existing point source subject to this subpart shall achieve the following effluent limitations representing the degree of effluent reduction attainable by the application of the best conventional pollutant control technology (BCT): The limitations shall be the same as those specified for conventional pollutants (which are defined in § 401.16) in § 430.212 of this subpart for the best practicable control technology currently available (BPT).

[51 FR 45240, Dec. 17, 1986]

§ 430.214 Effluent limitations representing the degree of effluent reduction attainable by the application of the best available technology economically achievable (BAT).

Except as provided in 40 CFR 125.30 through 125.32, any existing point source subject to this subpart where chlorophenolic-containing biocides are used must achieve the following effluent limitations representing the degree of effluent reduction attainable by the application of the best available technology economically achievable (BAT). Non-continuous dischargers shall not be subject to the maximum day mass limitations in kg/kkg (lb/1000 lb), but shall be subject to concentration limitations. Concentration limitations are only applicable to non-continuous dischargers. Permittees not using chlorophenolic-containing biocides must certify to the permit-issuing authority that they are not using these biocides.

SUBPART U

Pollutant or pollutant property	BAT effluent limitations	
	Maximum for any 1 day	
	Kg/kkg (pounds per 1,000 lb) of product	Milligrams/liter
Pentachlorophenol	0.00058exp(0.017x)	((0.011)(12.67)exp(0.017x))/y
Trichlorophenol	0.0036exp(0.017x)	((0.068)(12.67)exp(0.017x))/y

x=percent sulfite pulp in final product.
y=wastewater discharged in kgal per ton of production.

(Approved by the Office of Management and Budget under control number 2040–0033)

[47 FR 52019, Nov. 18, 1982; 48 FR 13178, Mar. 30, 1983, as amended at 48 FR 31405, July 8, 1983]

§ 430.215 New source performance standards (NSPS).

Any new source subject to this subpart must achieve the following new source performance standards (NSPS), except that non-continuous dischargers shall not be subject to the maximum day and average of 30 consecutive days effluent limitations for BOD*5* and TSS, but shall be subject to annual average effluent limitations determined by dividing the average of 30 consecutive days limitations for BOD*5* by 1.91 and TSS by 1.90. Also, for non-continuous dischargers, concentration limitations (mg/l) shall apply, where provided. Concentration limitations will only apply to non-continuous dischargers. Only facilities where chlorophenolic-containing biocides are used shall be subject to pentachlorophenol and trichlorophenol limitations. Permittees not using chlorophenolic-containing biocides must certify to the permit-issuing authority that they are not using these biocides.

SUBPART U

Pollutant or pollutant property	NSPS	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kg/kkg (or pounds per 1,000 lb) of product	
BOD*5*	4.38 exp(0.017x)	2.36 exp(0.017x)
TSS	5.81 exp(0.017x)	3.03 exp(0.017x)
pH	(1)	(1)

x=percent sulfite pulp in final product.

	Maximum for any 1 day	
	Kg/kkg (pounds per 1,000 lb) of product	Milligrams/liter
Pentachlorophenol	0.00058 exp(0.017x)	((0.015)(9.12) exp(0.017x))/y
Trichlorophenol	0.0036 exp(0.017x)	((0.094)(9.12) exp(0.017x))/y

x=percent sulfite pulp in final product.
y=wastewater discharged in kgal per ton of product.

[1] Within the range of 5.0 to 9.0 at all times.

(Approved by the Office of Management and Budget under control number 2040–0033)

[47 FR 52019, Nov. 18, 1982; 48 FR 13178, Mar. 30, 1983, as amended at 48 FR 31405, July 8, 1983]

§ 430.216 Pretreatment standards for existing sources (PSES).

(a) Except as provided in 40 CFR 403.7 and 403.13, any existing source subject to this subpart that introduces pollutants into a publicly owned treatment works must (1) comply with 40 CFR part 403 and (2) achieve the following pretreatment standards for existing sources (PSES) if it uses chlorophenolic-containing biocides. Permittees not using chlorophenolic-containing biocides must certify to the permit-issuing authority that they are not using these biocides. PSES must be attained on or before July 1, 1984.

SUBPART U

Pollutant or pollutant property	PSES
	Maximum for any 1 day
	Milligrams per liter (mg/l)
Pentachlorophenol	((0.011)(12.67) exp(0.017x))/y
Trichlorophenol	((0.082)(12.67) exp(0.017x))/y

x=percent sulfite pulp in final product.
y=wastewater discharged in kgal per ton of product.

(b) In cases when POTWs find it necessary to impose mass effluent limitations, the following equivalent mass limitations are provided as guidance:

SUBPART U

Pollutant or pollutant property	PSES
	Maximum for any 1 day
	Kg/kkg (or pounds per 1,000 lb) of product
Pentachlorophenol	0.00058 exp(0.017x)
Trichlorophenol	0.0043 exp(0.017x)

x=percent sulfite pulp in final product.

(Approved by the Office of Management and Budget under control number 2040–0033)

[47 FR 52019, Nov. 18, 1982, as amended at 48 FR 31405, July 8, 1983]

§ 430.217 Pretreatment standards for new sources (PSNS).

(a) Except as provided in 40 CFR 403.7, any new source subject to this subpart that introduces pollutants into a publicly owned treatment works must (1) comply with 40 CFR part 403 and (2) achieve the following pretreatment standards for new sources (PSNS) if it uses chlorophenolic-containing biocides. Permittees not using chlorophenolic-containing biocides must certify to the permit-issuing authority that they are not using these biocides.

SUBPART U

Pollutant or pollutant property	PSNS
	Maximum for any 1 day
	Miligrams per liter (mg/l)
Pentachlorophenol	((0.015)(9.12) exp (0.017x))/y
Trichlorophenol	((0.114)(9.12) exp (0.017x))/y

x=percent sulfite pulp in final product.
y=wastewater discharged in kgal per ton of product.

(b) In cases when POTWs find it necessary to impose mass effluent limitations, the following equivalent mass limitations are provided as guidance:

SUBPART U

Pollutant or pollutant property	PSNS
	Maximum for any 1 day
	Kg/kkg (or pounds per 1,000 lb) of product
Pentachlorophenol	0.00058 exp (0.017x)
Trichlorophenol	0.0043 exp (0.017x)

x=percent sulfite pulp in final product.

(Approved by the Office of Management and Budget under control number 2040–0033)

[47 FR 52019, Nov. 18, 1982, as amended at 48 FR 31405, July 8, 1983]

Subpart V—Unbleached Kraft and Semi-Chemical Subcategory

§ 430.220 Applicability; description of the unbleached kraft and semi-chemical subcategory.

The provisions of this subpart are applicable to discharges resulting from the production of pulp and paper at combined unbleached kraft and semi-chemical mills, wherein the spent semi-chemical cooking liquor is burned within the unbleached kraft chemical recovery system.

§ 430.221 Specialized definitions.

For the purpose of this subpart, the general definitions, abbreviations, and methods of analysis set forth in 40 CFR part 401 and § 430.01 shall apply to this subpart.

§ 430.222 Effluent limitations representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available (BPT). [Reserved]

§ 430.223 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best conventional pollutant control technology (BCT).

Except as provided in §§ 125.30 through 125.32, any existing point source subject to this subpart shall achieve the following effluent limitations representing the degree of effluent reduction attainable by the application of the best conventional pollutant control technology (BCT):

Pollutant or pollutant property	Maximum for any one day [1]	Average of daily values for 30 consecutive days
BOD*5*	8.0	4.0
TSS	12.5	6.25
pH	[2]	[2]

[1] Kg/kkg (or pounds per 1,000 lb of product).
[2] Within the range of 6.0 to 9.0 at all times.

Non-continuous dischargers shall not be subject to the maximum day and average-of-30-consecutive-days limitations, but shall be subject to annual average effluent limitations determined by dividing the average-of-30-consecutive-days limitations for BOD5 by 1.36 and TSS by 1.75.

[51 FR 45241, Dec. 17, 1986]

§ 430.224 Effluent limitations representing the degree of effluent reduction attainable by the application of the best available technology economically achievable (BAT).

Except as provided in 40 CFR 125.30 through 125.32, any existing point source subject to this subpart where chlorophenolic-containing biocides are used must achieve the following effluent limitations representing the degree of effluent reduction attainable by the application of the best available technology economically achievable (BAT). Non-continuous dischargers shall not be subject to the maximum day mass limitations in kg/kkg (lb/1000 lb), but shall be subject to concentration limitations. Concentration limitations are

only applicable to non-continuous dischargers. Permittees not using chlorophenolic-containing biocides must certify to the permit-issuing authority that they are not using these biocides.

SUBPART V

Pollutant or pollutant property	BAT effluent limitations	
	Maximum for any 1 day	
	Kg/kkg (pounds per 1,000 lb)	Milligrams/liter
Pentachlorophenol	0.00064	(0.011)(14.0)/y
Trichlorophenol	0.00059	(0.010)(14.0)/y

y=wastewater discharged in kgal per ton of product.

(Approved by the Office of Management and Budget under control number 2040–0033)

[47 FR 52019, Nov. 18, 1982, as amended at 48 FR 31405, July 8, 1983]

§ 430.225 New source performance standards (NSPS).

Any new source subject to this subpart must achieve the following new source performance standards (NSPS), except that non-continuous dischargers shall not be subject to the maximum day and average of 30 consecutive days effluent limitations for BOD*5* and TSS, but shall be subject to annual average effluent limitations determined by dividing the average of 30 consecutive days limitations for BOD*5* by 1.91 and TSS by 1.90. Also, for non-continuous dischargers, concentration limitations (mg/l) shall apply, where provided. Concentration limitations will only apply to non-continuous dischargers. Only facilities where chlorophenolic-containing biocides are used shall be subject to pentachlorophenol and trichlorophenol limitations. Permittees not using chlorophenolic-containing biocides must certify to the permit-issuing authority that they are not using these biocides.

SUBPART V

Pollutant or pollutant property	NSPS	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kg/kkg (or pounds per 1,000 lb) of product	
BOD*5*	3.9	2.1
TSS	7.3	3.8
pH	(1)	(1)
	Kg/kkg(lb/1,000 lb) of product	Milligrams/liter
Pentachlorophenol	0.00064	(0.013)(11.5)/y
Trichlorophenol	0.00059	(0.012)(11.5)/y

y=wastewater discharged in kgal per ton of product.

[1] Within the range of 5.0 to 9.0 at all times.

(Approved by the Office of Management and Budget under control number 2040–0033)

[47 FR 52019, Nov. 18, 1982, as amended at 48 FR 31405, July 8, 1983]

§ 430.226 Pretreatment standards for existing sources (PSES).

(a) Except as provided in 40 CFR 403.7 and 403.13, any existing source subject to this subpart that introduces pollutants into a publicly owned treatment works must (1) comply with 40 CFR part 403 and (2) achieve the following pretreatment standards for existing sources (PSES) if it uses chlorophenolic-containing biocides. Permittees not using chlorophenolic-containing biocides must certify to the permit-issuing authority that they are not using these biocides. PSES must be attained on or before July 1, 1984.

SUBPART V

Pollutant or pollutant property	PSES
	Maximum for any 1 day
	Milligrams per liter (mg/l)
Pentachlorophenol	(0.011)(14.0)/y
Trichlorophenol	(0.010)(14.0)/y

y=wastewater discharged in kgal per ton of product.

(b) In cases when POTWs find it necessary to impose mass effluent limitations, the following equivalent mass limitations are provided as guidance:

SUBPART V

Pollutant or pollutant property	PSES
	Maximum for any 1 day
	Kg/kkg (or pounds per 1,000 lb) of product
Pentachlorophenol	0.00064
Trichlorophenol	0.00059

(Approved by the Office of Management and Budget under control number 2040–0033)

[47 FR 52019, Nov. 18, 1982, as amended at 48 FR 31405, July 8, 1983]

§ 430.227 Pretreatment standards for new sources (PSNS).

(a) Except as provided in 40 CFR 403.7, any new source subject to this subpart that introduces pollutants into a publicly owned treatment works must (1) comply with 40 CFR part 403 and (2) achieve the following pretreatment standards for new sources (PSNS) if it uses chlorophenolic-containing biocides. Permittees not using chlorophenolic-containing biocides must certify to the permit-issuing authority that they are not using these biocides.

SUBPART V

Pollutant or pollutant property	PSNS
	Maximum for any 1 day
	Milligrams per liter (mg/l)
Pentachlorophenol	(0.013)(11.5)/y
Trichlorophenol	(0.012)(11.5)/y

y=wastewater discharge in kgal per ton of product.

(b) In cases when POTWs find it necessary to impose mass effluent limitations, the following equivalent mass limitations are provided as guidance:

SUBPART V

Pollutant or pollutant property	PSNS
	Maximum for any 1 day
	Kg/kkg (or pounds per 1,000 lb) of product
Pentachlorophenol	0.00064
Trichlorophenol	0.00059

(Approved by the Office of Management and Budget under control number 2040–0033)

[47 FR 52019, Nov. 18, 1982, as amended at 48 FR 31405, July 8, 1983]

Subpart W—Wastepaper-Molded Products Subcategory

§ 430.230 Applicability; description of the wastepaper-molded products subcategory.

The provisions of this subpart are applicable to discharges resulting from the production of molded products from wastepaper without deinking at secondary fiber mills.

§ 430.231 Specialized definitions.

For the purpose of this subpart, the general definitions, abbreviations, and methods of analysis set forth in 40 CFR part 401 and § 430.01 shall apply to this subpart.

§ 430.232 Effluent limitations representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available (BPT).

Except as provided in 40 CFR 125.30 through 125.32, any existing point source subject to this subpart must achieve the following effluent limitations representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available (BPT), except that non-continuous dischargers shall not be subject to the maximum day and average of 30 consecutive days limitations, but shall be subject to annual average effluent limitations determined by dividing the average of 30 consecutive days limitations for BOD5 by 1.78 and TSS by 1.82.

SUBPART W

Pollutant or pollutant property	BPT effluent limitations	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kg/kkg (or pounds per 1,000 lb) of product	
BOD*5*	4.4	2.3
TSS	10.8	5.8
pH	(1)	(1)

1 Within the range of 5.0 to 9.0 at all times.

§ 430.233 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best conventional pollutant control technology (BCT).

Except as provided in §§ 125.30 through 125.32, any existing point source subject to this subpart shall achieve the following effluent limitations representing the degree of effluent reduction attainable by the application of the best conventional pollutant control technology (BCT): The limitations shall be the same as those specified for conventional pollutants (which are defined in § 401.16) in § 430.232 of this subpart for the best practicable control technology currently available (BPT).

[51 FR 45240, Dec. 17, 1986]

§ 430.234 Effluent limitations representing the degree of effluent reduction attainable by the application of the best available technology economically achievable (BAT).

Except as provided in 40 CFR 125.30 through 125.32, any existing point source subject to this subpart where chlorophenolic-containing biocides are used must achieve the following effluent limitations representing the degree of effluent reduction attainable by the application of the best available technology economically achievable (BAT). Non-continuous dischargers shall not be subject to the maximum day mass limitations in kg/kkg (lb/1000 lb), but shall be subject to concentration limitations. Concentration limitations are only applicable to non-continuous dischargers. Permittees not using chlorophenolic-containing biocides must certify to the permit-issuing authority that they are not using these biocides.

SUBPART W

Pollutant or pollutant property	BAT effluent limitations	
	Maximum for any 1 day	
	Kg/kkg (pounds per 1,000 lb)	Milligrams/liter
Pentachlorophenol	0.0026	(0.029)(21.1)/y
Trichlorophenol	0.00088	(0.010)(21.1)/y

y=wastewater discharged in kgal per ton of product.

(Approved by the Office of Management and Budget under control number 2040–0033)

[47 FR 52019, Nov. 18, 1982, as amended at 48 FR 31405, July 8, 1983]

§ 430.235 New source performance standards (NSPS).

Any new source subject to this subpart must achieve the following new source performance standards (NSPS), except that non-continuous dischargers shall not be subject to the maximum day and average of 30 consecutive days effluent limitations for BOD5 and TSS, but shall be subject to annual average effluent limitations determined by dividing the average of 30 consecutive days limitations for BOD5 by 1.91 and TSS by 1.90. Also, for non-continuous dischargers, concentration limitations (mg/l) shall apply, where provided. Concentration limitations will only apply to non-continuous dischargers. Only facilities where chlorophenolic-containing biocides are used shall be subject to pentachlorophenol and trichlorophenol limitations. Permittees not using chlorophenolic-containing biocides must certify to the permit-issuing authority that they are not using these biocides.

SUBPART W

Pollutant or pollutant property	NSPS	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kg/kkg (or pounds per 1,000 lb) of product	
BOD5	2.1	1.1
TSS	4.4	2.3
pH	(1)	(1)
	Kg/kkg(lb/1,000 lb) of product	Milligrams/liter
Pentachlorophenol	0.0026	(0.107)(5.7)/y
Trichlorophenol	0.00088	(0.037)(5.7)/y

y=wastewater discharged in kgal per ton of product.

[1] Within the range of 5.0 to 9.0 at all times.

(Approved by the Office of Management and Budget under control number 2040–0033)

[47 FR 52019, Nov. 18, 1982, as amended at 48 FR 31405, July 8, 1983]

§ 430.236 Pretreatment standards for existing sources (PSES).

(a) Except as provided in 40 CFR 403.7 and 403.13, any existing source subject to this subpart that introduces pollutants into a publicly owned treatment works must (1) comply with 40 CFR part 403 and (2) achieve the following pretreatment standards for existing sources (PSES) if it uses chlorophenolic-containing biocides. Permittees not using chlorophenolic-containing biocides must certify to the permit-issuing authority that they are not using these biocides. PSES must be attained on or before July 1, 1984.

SUBPART W

Pollutant or pollutant property	PSES
	Maximum for any 1 day
	Milligrams per liter (mg/l)
Pentachlorophenol	(0.032)(21.1)/y
Trichlorophenol	(0.010)(21.1)/y

y=wastewater discharged in kgal per ton of product.

(b) In cases when POTWs find it necessary to impose mass effluent limitations, the following equivalent mass limitations are provided as guidance:

SUBPART W

Pollutant or pollutant property	PSES
	Maximum for any 1 day
	Kg/kkg (or pounds per 1,000 lb) of product
Pentachlorophenol	0.0028
Trichlorophenol	0.00088

(Approved by the Office of Management and Budget under control number 2040–0033)

[47 FR 52019, Nov. 18, 1982, as amended at 48 FR 31405, July 8, 1983]

§ 430.237 Pretreatment standards for new sources (PSNS).

(a) Except as provided in 40 CFR 403.7, any new source subject to this subpart that introduces pollutants into a publicly owned treatment works must (1) comply with 40 CFR part 403 and (2) achieve the following pretreatment standards for new sources (PSNS) if it uses chlorophenolic-containing biocides. Permittees not using chlorophenolic-containing biocides must certify to the permit-issuing authority that they are not using these biocides.

SUBPART W

Pollutant or pollutant property	PSNS
	Maximum for any 1 day
	Milligrams per liter (mg/l)
Pentachlorophenol	(0.118)(5.7)/y
Trichlorophenol	(0.037)(5.7)/y

y=wastewater discharge in kgal per ton of product.

(b) In cases when POTWs find it necessary to impose mass effluent limitations, the following equivalent mass limitations are provided as guidance:

SUBPART W

Pollutant or pollutant property	PSNS
	Maximum for any 1 day
	Kg/kkg (or pounds per 1,000 lb) of product
Pentachlorophenol	0.0028
Trichlorophenol	0.00088

(Approved by the Office of Management and Budget under control number 2040–0033)

[47 FR 52019, Nov. 18, 1982, as amended at 48 FR 31405, July 8, 1983]

Subpart X—Nonintegrated-Lightweight Papers Subcategory

§ 430.240 Applicability; description of the nonintegrated-lightweight papers subcategory.

The provisions of this subpart are applicable to discharges resulting from the production of lightweight paper at nonintegrated mills.

§ 430.241 Specialized definitions.

For the purpose of this subpart, the general definitions, abbreviations, and methods of analysis set forth in 40 CFR part 401 and § 430.01 shall apply to this subpart.

§ 430.242 Effluent limitations representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available (BPT).

Except as provided in 40 CFR 125.30 through 125.32, any existing point source subject to this subpart must achieve the following effluent limitations representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available (BPT), except that non-continuous dischargers shall not be subject to the maximum day and average of 30 consecutive days limitations, but shall be subject to annual average effluent limitations determined by dividing the average of 30 consecutive days limitations for BOD5 by 1.79 and TSS by 1.76.

SUBPART X

Pollutant or pollutant property	BPT effluent limitations	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kg/kkg (or pounds per 1,000 lb) of product	
BOD5	24.1	13.2
TSS	21.6	10.6
pH	(1)	(1)

[1] Within the range of 5.0 to 9.0 at all times.

SUBPART X

[Facilities where electrical grade papers are produced]

Pollutant or pollutant property	BPT effluent limitations	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kg/kkg (or pounds per 1,000 lb) of product	
BOD5	38.0	20.9
TSS	34.2	16.7
pH	(1)	(1)

[1] Within the range of 5.0 to 9.0 at all times.

§ 430.243 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best conventional pollutant control technology (BCT).

Except as provided in §§ 125.30 through 125.32, any existing point source subject to this subpart shall achieve the following effluent limitations representing the degree of effluent reduction attainable by the application of the best conventional pollutant control technology (BCT): The limitations shall be the same as those specified for conventional pollutants (which are defined in § 401.16) in § 430.242 of this subpart for the best practicable control technology currently available (BPT).

[51 FR 45240, Dec. 17, 1986]

§ 430.244 Effluent limitations representing the degree of effluent reduction attainable by the application of the best available technology economically achievable (BAT).

Except as provided in 40 CFR 125.30 through 125.32, any existing point source subject to this subpart where chlorophenolic-containing biocides are used must achieve the following effluent limitations representing the degree of effluent reduction attainable by the application of the best available technology economically achievable (BAT). Non-continuous dischargers shall not be subject to the maximum day mass limitations in kg/kkg (lb/1000 lb), but shall be subject to concentration limitations. Concentration limitations are only applicable to non-continuous dischargers. Permittees not using chlorophenolic-containing biocides

must certify to the permit-issuing authority that they are not using these biocides.

SUBPART X

Pollutant or pollutant property	BAT effluent limitations	
	Maximum for any 1 day	
	Kg/kkg (pounds per 1,000 lb)	Milligrams/liter
Pentachlorophenol	0.0059	(0.029)(48.7)/y
Trichlorophenol	0.0020	(0.010)(48.7)/y

y=wastewater discharged in kgal per ton of product.

SUBPART X

[Facilities where electrical grade papers are produced]

Pollutant or pollutant property	BAT effluent limitations	
	Maximum for any 1 day	
	Kg/kkg (pounds per 1,000 lb)	Milligrams/liter
Pentachlorophenol	0.0093	(0.029)(76.9)/y
Trichlorophenol	0.0032	(0.010)(76.9)/y

y=wastewater discharged in kgal per ton of product.

(Approved by the Office of Management and Budget under control number 2040–0033)

[47 FR 52019, Nov. 18, 1982, as amended at 48 FR 31405, July 8, 1983]

§ 430.245 New source performance standards (NSPS).

Any new source subject to this subpart must achieve the following new source performance standards (NSPS), except that non-continuous dischargers shall not be subject to the maximum day and average of 30 consecutive days effluent limitations for BOD*5* and TSS, but shall be subject to annual average effluent limitations determined by dividing the average of 30 consecutive days limitations for BOD*5* by 1.48 and TSS by 1.64. Also, for non-continuous dischargers, concentration limitations (mg/l) shall apply, where provided. Concentration limitations will only apply to non-continuous dischargers. Only facilities where chlorophenolic-containing biocides are used shall be subject to pentachlorophenol and trichlorophenol limitations. Permittees not using chlorophenolic-containing biocides must certify to the permit-issuing authority that they are not using these biocides.

SUBPART X

Pollutant or pollutant property	NSPS	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kg/kkg (or pounds per 1,000 lb) of product	
BOD*5*	13.7	6.7
TSS	12.0	5.2
pH	(1)	(1)
	Kg/kkg(lb/1,000 lb) of product	Milligrams/liter
Pentachlorophenol	0.0059	(0.037)(38.2)/y
Trichlorophenol	0.0020	(0.013)(38.2)/y

y=wastewater discharged in kgal per ton of product.

[1] Within the range of 5.0 to 9.0 at all times.

SUBPART X

[Facilities where electrical grade papers are produced]

Pollutant or pollutant property	NSPS	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kg/kkg (or pounds per 1,000 lb) of product	
BOD*5*	24.1	11.7
TSS	21.1	9.2
pH	(1)	(1)
	Kg/kkg(lb/1,000 lb) of product	Milligrams/liter
Pentachlorophenol	0.0093	(0.033)(66.8)/y
Trichlorophenol	0.0032	(0.012)(66.8)/y

y=wastewater discharged in kgal per ton of product.

[1] Within the range of 5.0 to 9.0 at all times.

(Approved by the Office of Management and Budget under control number 2040–0033)

[47 FR 52019, Nov. 18, 1982; 48 FR 13178, Mar. 30, 1983, as amended at 48 FR 31405, July 8, 1983]

§ 430.246 Pretreatment standards for existing sources (PSES).

(a) Except as provided in 40 CFR 403.7 and 403.13, any existing source subject to this subpart that introduces pollutants into a publicly owned treatment works must (1) comply with 40 CFR part 403 and (2) achieve the following pretreatment standards for existing sources (PSES) if it uses chlorophenolic-containing biocides. Permittees not using chlorophenolic-containing biocides must certify to the

permit-issuing authority that they are not using these biocides. PSES must be attained on or before July 1, 1984.

SUBPART X

Pollutant or pollutant property	PSES
	Maximum for any 1 day
	Milligrams per liter (mg/l)
Pentachlorophenol	(0.032)(48.7)/y
Trichlorophenol	(0.010)(48.7)/y

y=wastewater discharged in kgal per ton of product.

SUBPART X

[Facilities where electrical grade papers are produced]

Pollutant or pollutant property	PSES
	Maximum for any 1 day
	Milligrams per liter (mg/l)
Pentachlorophenol	(0.032)(76.9)/y
Trichlorophenol	(0.010)(76.9)/y

y=wastewater discharged in kgal per ton of product..

(b) In cases when POTWs find it necessary to impose mass effluent limitations, the following equivalent mass limitations are provided as guidance:

SUBPART X

Pollutant or pollutant property	PSES
	Maximum for any 1 day
	Kg/kkg (or pounds per 1,000 lb) of product
Pentachlorophenol	0.0065
Trichlorophenol	.0020

SUBPART X

[Facilities where electrical grade papers are produced]

Pollutant or pollutant property	PSES
	Maximum for any 1 day
	Kg/kkg (or pounds per 1,000 lb) of product
Pentachlorophenol	0.010
Trichlorophenol	.0032

(Approved by the Office of Management and Budget under control number 2040–0033)

[47 FR 52019, Nov. 18, 1982, as amended at 48 FR 31405, July 8, 1983]

§ 430.247 Pretreatment standards for new sources (PSNS).

(a) Except as provided in 40 CFR 403.7, any new source subject to this subpart that introduces pollutants into a publicly owned treatment works must (1) comply with 40 CFR part 403 and (2) achieve the following pretreatment standards for new sources (PSNS) if it uses chlorophenolic-containing biocides. Permittees not using chlorophenolic-containing biocides must certify to the permit-issuing authority that they are not using these biocides.

SUBPART X

Pollutant or pollutant property	PSNS
	Maximum for any 1 day
	Milligrams per liter (mg/l)
Pentachlorophenol	(0.041)(38.2)/y
Trichlorophenol	(0.013)(38.2)/y

y=wastewater discharge in kgal per ton of product.

SUBPART X

[Facilities where electrical grade papers are produced]

Pollutant or pollutant property	PSNS
	Maximum for any 1 day
	Milligrams per liter (mg/l)
Pentachlorophenol	(0.037)(66.8)/y
Trichlorophenol	(0.012)(66.8)/y

y=wastewater discharge in kgal per ton of product.

(b) In cases when POTWs find it necessary to impose mass effluent limitations, the following equivalent mass limitations are provided as guidance:

SUBPART X

Pollutant or pollutant property	PSNS
	Maximum for any 1 day
	Kg/kkg (or pounds per 1,000 lb) of product
Pentachlorophenol	0.0065
Trichlorophenol	00.0020

SUBPART X

[Facilities where electrical grade papers are produced]

Pollutant or pollutant property	PSNS
	Maximum for any 1 day
	Kg/kkg (or pounds per 1,000 lb) of product
Pentachlorophenol	0.010
Trichlorophenol	0.0032

(Approved by the Office of Management and Budget under control number 2040–0033)

[47 FR 52019, Nov. 18, 1982; 48 FR 13178, Mar. 30, 1983; 48 FR 31405, July 8, 1983]

Subpart Y—Nonintegrated-Filter and Nonwoven Papers Subcategory

§ 430.250 Applicability; description of the nonintegrated-filter and nonwoven papers subcategory.

The provisions of this subpart are applicable to discharges resulting from the production of filter and nonwoven papers at nonintegrated mills.

§ 430.251 Specialized definitions.

For the purpose of this subpart, the general definitions, abbreviations, and methods of analysis set forth in 40 CFR part 401 and §430.01 shall apply to this subpart.

§ 430.252 Effluent limitations representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available (BPT).

Except as provided in 40 CFR 125.30 through 125.32, any existing point source subject to this subpart must achieve the following effluent limitations representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available (BPT), except that non-continuous dischargers shall not be subject to the maximum day and average of 30 consecutive days limitations, but shall be subject to annual average effluent limitations determined by dividing the average of 30 consecutive days limitations for BOD5 by 1.79 and TSS by 1.76.

SUBPART Y

Pollutant or pollutant property	BPT effluent limitations	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kg/kkg (or pounds per 1,000 lb) of product	
BOD5	29.6	16.3
TSS	26.6	13.0
pH	(1)	(1)

[1] Within the range of 5.0 to 9.0 at all times.

§ 430.253 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best conventional pollutant control technology (BCT).

Except as provided in §§125.30 through 125.32, any existing point source subject to this subpart shall achieve the following effluent limitations representing the degree of effluent reduction attainable by the application of the best conventional pollutant control technology (BCT): The limitations shall be the same as those specified for conventional pollutants (which are defined in §401.16) in §430.252 of this subpart for the best practicable control technology currently available (BPT).

[51 FR 45240, Dec. 17, 1986]

§ 430.254 Effluent limitations representing the degree of effluent reduction attainable by the application of the best available technology economically achievable (BAT).

Except as provided in 40 CFR 125.30 through 125.32, any existing point source subject to this subpart where chlorophenolic-containing biocides are used must achieve the following effluent limitations representing the degree of effluent reduction attainable by the application of the best available technology economically achievable (BAT). Non-continuous dischargers shall not be subject to the maximum day mass limitations in kg/kkg (lb/1000 lb), but shall be subject to concentration limitations. Concentration limitations are only applicable to non-continuous dischargers. Permittees not using chlorophenolic-containing biocides must certify to the permit-issuing authority that they are not using these biocides.

SUBPART Y

Pollutant or pollutant property	BAT effluent limitations	
	Maximum for any 1 day	
	Kg/kkg (pounds per 1,000 lb)	Milligrams/liter
Pentachlorophenol	0.0072	(0.029) (59.9)/y
Trichlorophenol	0.0025	(0.010) (59.9)/y

y=wastewater discharged in kgal per ton of product.

(Approved by the Office of Management and Budget under control number 2040–0033)

[47 FR 52019, Nov. 18, 1982, as amended at 48 FR 31405, July 8, 1983]

§ 430.255 New source performance standards (NSPS).

Any new source subject to this subpart must achieve the following new source performance standards (NSPS), except that non-continuous dischargers shall not be subject to the maximum day and average of 30 consecutive days effluent limitations for BOD*5* and TSS, but shall be subject to annual average effluent limitations determined by dividing the average of 30 consecutive days limitations for BOD*5* by 1.48 and TSS by 1.64. Also, for non-continuous dischargers, concentration limitations (mg/l) shall apply, where provided. Concentration limitations will only apply to non-continuous dischargers. Only facilities where chlorophenolic-containing biocides are used shall be subject to pentachlorophenol and trichlorophenol limitations. Permittees not using chlorophenolic-containing biocides must certify to the permit-issuing authority that they are not using these biocides.

SUBPART Y

Pollutant or pollutant property	NSPS	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kg/kkg (or pounds per 1,000 lb) of product	
BOD*5*	17.1	8.3
TSS	15.0	6.6
pH	(1)	(1)
	Kg/kkg(lb/1,000 lb) of product	Milligrams/liter
Pentachlorophenol	0.0072	(0.037)(47.5)/y
Trichlorophenol	0.0025	(0.013)(47.5)/y

y=wastewater discharged in kgal per ton of product.

[1] Within the range of 5.0 to 9.0 at all times.

(Approved by the Office of Management and Budget under control number 2040–0033)

[47 FR 52019, Nov. 18, 1982, as amended at 48 FR 31405, July 8, 1983]

§ 430.256 Pretreatment standards for existing sources (PSES).

(a) Except as provided in 40 CFR 403.7 and 403.13, any existing source subject to this subpart that introduces pollutants into a publicly owned treatment works must (1) comply with 40 CFR part 403 and (2) achieve the following pretreatment standards for existing sources (PSES) if it uses chlorophenolic-containing biocides. Permittees not using chlorophenolic-containing biocides must certify to the permit-issuing authority that they are not using these biocides. PSES must be attained on or before July 1, 1984.

SUBPART Y

Pollutant or pollutant property	PSES
	Maximum for any 1 day
	Milligrams per liter (mg/l)
Pentachlorophenol	(0.032)(59.9)/y
Trichlorophenol	(0.010)(59.9)/y

y=wastewater discharged in kgal per ton of product.

(b) In cases when POTWs find it necessary to impose mass effluent limitations, the following equivalent mass limitations are provided as guidance:

SUBPART Y

Pollutant or pollutant property	PSES
	Maximum for any 1 day
	Kg/kkg (or pounds per 1,000 lb) of product
Pentachlorophenol	0.0080
Trichlorophenol	0.0025

(Approved by the Office of Management and Budget under control number 2040–0033)

[47 FR 52019, Nov. 18, 1982, as amended at 48 FR 31405, July 8, 1983]

§ 430.257 Pretreatment standards for new sources (PSNS).

(a) Except as provided in 40 CFR 403.7, any new source subject to this subpart that introduces pollutants into a publicly owned treatment works must (1) comply with 40 CFR part 403 and (2) achieve the following pretreatment standards for new sources (PSNS) if it uses chlorophenolic-containing biocides. Permittees not using chlorophenolic-containing biocides must certify to the

permit-issuing authority that they are not using these biocides.

SUBPART Y

Pollutant or pollutant property	PSNS
	Maximum for any 1 day
	Milligrams per liter (mg/l)
Pentachlorophenol	(0.040)(47.5)/y
Trichlorophenol	(0.013)(47.5)/y

y=wastewater discharge in kgal per ton of product.

(b) In cases when POTWs find it necessary to impose mass effluent limitations, the following equivalent mass limitations are provided as guidance:

SUBPART Y

Pollutant or pollutant property	PSNS
	Maximum for any 1 day
	Kg/kkg (or pounds per 1,000 lb) of product
Pentachlorophenol	0.0080
Trichlorophenol	0.0025

(Approved by the Office of Management and Budget under control number 2040–0033)

[47 FR 52019, Nov. 18, 1982, as amended at 48 FR 31405, July 8, 1983]

Subpart Z—Nonintegrated-Paperboard Subcategory

§ 430.260 Applicability; description of the nonintegrated-paperboard subcategory.

The provisions of this subpart are applicable to discharges resulting from the production of paperboard at nonintegrated mills. The production of electrical grades of board and matrix board is not included in this subpart.

§ 430.261 Specialized definitions.

For the purpose of this subpart, the general definitions, abbreviations, and methods of analysis set forth in 40 CFR part 401 and § 430.01 shall apply to this subpart.

§ 430.262 Effluent limitations representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available (BPT).

Except as provided in 40 CFR 125.30 through 125.32, any existing point source subject to this subpart must achieve the following effluent limitations representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available (BPT), except that non-continuous dischargers shall not be subject to the maximum day and average of 30 consecutive days limitations, but shall be subject to annual average effluent limitations determined by dividing the average of 30 consecutive days limitations for BOD5 by 1.79 and TSS by 1.76.

SUBPART Z

Pollutant or pollutant property	BPT effluent limitations	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kg/kkg (or pounds per 1,000 lb) of product	
BOD*5*	6.5	3.6
TSS	5.8	2.8
pH	(1)	(1)

[1] Within the range of 5.0 to 9.0 at all times.

§ 430.263 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best conventional pollutant control technology (BCT).

Except as provided in §§ 125.30 through 125.32, any existing point source subject to this subpart shall achieve the following effluent limitations representing the degree of effluent reduction attainable by the application of the best conventional pollutant control technology (BCT): The limitations shall be the same as those specified for conventional pollutants (which are defined in § 401.16) in § 430.262 of this subpart for the best practicable control technology currently available (BPT).

[51 FR 45240, Dec. 17, 1986]

§ 430.264 Effluent limitations representing the degree of effluent reduction attainable by the application of the best available technology economically achievable (BAT).

Except as provided in 40 CFR 125.30 through 125.32, any existing point source subject to this subpart where

chlorophenolic-containing biocides are used must achieve the following effluent limitations representing the degree of effluent reduction attainable by the application of the best available technology economically achievable (BAT). Non-continuous dischargers shall not be subject to the maximum day mass limitations in kg/kkg (lb/1000 lb), but shall be subject to concentration limitations. Concentration limitations are only applicable to non-continuous dischargers. Permittees not using chlorophenolic-containing biocides must certify to the permit-issuing authority that they are not using these biocides.

SUBPART Z

Pollutant or pollutant property	BAT effluent limitations	
	Maximum for any 1 day	
	Kg/kkg (pounds per 1,000 lb)	Milligrams/liter
Pentachlorophenol	0.0016	(0.029)(12.9)/y
Trichlorophenol	0.00054	(0.010)(12.9)/y

y=wastewater discharged in kgal per ton of product.

(Approved by the Office of Management and Budget under control number 2040–0033)

[47 FR 52019, Nov. 18, 1982, as amended at 48 FR 31405, July 8, 1983]

§ 430.265 New source performance standards (NSPS).

Any new source subject to this subpart must achieve the following new source performance standards (NSPS), except that non-continuous dischargers shall not be subject to the maximum day and average of 30 consecutive days effluent limitations for BOD*5* and TSS, but shall be subject to annual average effluent limitations determined by dividing the average of 30 consecutive days limitations for BOD*5* by 1.48 and TSS by 1.64. Also, for non-continuous dischargers, concentration limitations (mg/l) shall apply, where provided. Concentration limitations will only apply to non-continuous dischargers. Only facilities where chlorophenolic-containing biocides are used shall be subject to pentachlorophenol and trichlorophenol limitations. Permittees not using chlorophenolic-containing biocides must certify to the permit-issuing authority that they are not using these biocides.

SUBPART Z

Pollutant or pollutant property	NSPS	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kg/kkg (or pounds per 1,000 lb) of product	
BOD*5*	4.0	1.9
TSS	3.5	1.5
pH	(1)	(1)
	Kg/kkg(lb/1,000 lb) of product	Milligrams/liter
Pentachlorophenol	0.0016	(0.033)(11.2)/y
Trichlorophenol	0.00054	(0.012)(11.2)/y

y=wastewater discharged in kgal per ton of product.

[1] Within the range of 5.0 to 9.0 at all times.

(Approved by the Office of Management and Budget under control number 2040–0033)

[47 FR 52019, Nov. 18, 1982, as amended at 48 FR 31405, July 8, 1983]

§ 430.266 Pretreatment standards for existing sources (PSES).

(a) Except as provided in 40 CFR 403.7 and 403.13, any existing source subject to this subpart that introduces pollutants into a publicly owned treatment works must (1) comply with 40 CFR part 403 and (2) achieve the following pretreatment standards for existing sources (PSES) if it uses chlorophenolic-containing biocides. Permittees not using chlorophenolic-containing biocides must certify to the permit-issuing authority that they are not using these biocides. PSES must be attained on or before July 1, 1984.

SUBPART Z

Pollutant or pollutant property	PSES
	Maximum for any 1 day
	Milligrams per liter (mg/l)
Pentachlorophenol	(0.032)(12.9)/y
Trichlorophenol	(0.010)(12.9)/y

y=wastewater discharged in kgal per ton of product.

(b) In cases when POTWs find it necessary to impose mass effluent limitations, the following equivalent mass limitations are provided as guidance:

SUBPART Z

Pollutant or pollutant property	PSES
	Maximum for any 1 day
	Kg/kkg (or pounds per 1,000 lb) of product
Pentachlorophenol	0.0017
Trichlorophenol	0.00054

(Approved by the Office of Management and Budget under control number 2040–0033)

[47 FR 52019, Nov. 18, 1982, as amended at 48 FR 31405, July 8, 1983]

§ 430.267 Pretreatment standards for new sources (PSNS).

(a) Except as provided in 40 CFR 403.7, any new source subject to this subpart that introduces pollutants into a publicly owned treatment works must (1) comply with 40 CFR part 403 and (2) achieve the following pretreatment standards for new sources (PSNS) if it uses chlorophenolic-containing biocides. Permittees not using chlorophenolic-containing biocides must certify to the permit-issuing authority that they are not using these biocides.

SUBPART Z

Pollutant or pollutant property	PSNS
	Maximum for any 1 day
	Milligrams per liter (mg/l)
Pentachlorophenol	0.037(11.2)/y
Trichlorophenol	0.012(11.2)/y

y=wastewater discharge in kgal per ton of product.

(b) In cases when POTWs find it necessary to impose mass effluent limitations, the following equivalent mass limitations are provided as guidance:

SUBPART Z

Pollutant or pollutant property	PSNS
	Maximum for any 1 day
	Kg/kkg (or pounds per 1,000 lb) of product
Pentachlorophenol	0.0017
Trichlorophenol	0.00054

(Approved by the Office of Management and Budget under control number 2040–0033)

[47 FR 52019, Nov. 18, 1982, as amended at 48 FR 31405, July 8, 1983]

PART 431—THE BUILDERS' PAPER AND BOARD MILLS POINT SOURCE CATEGORY

Subpart A—Builders' Paper and Roofing Felt Subcategory

Sec.

AUTHORITY: Secs. 301, 304 (b), (c), (e), and (g), 306 (b) and (c), 307 (b) and (c), and 501 of the Clean Water Act (the Federal Water Pollution Control Act Amendments of 1972, as amended by the Clean Water Act of 1977) (the ''Act''); 33 U.S.C. 1311, 1314 (b), (c), (e), and (g), 1316 (b) and (c), 1317 (b) and (c), and 1361; 86 Stat. 816, Pub. L. 92–500; 91 Stat. 1567, Pub. L. 95–217.

SOURCE: 47 FR 52063, Nov. 18, 1982, unless otherwise noted.

Subpart A—Builders' Paper and Roofing Felt Subcategory

§ 431.10 Applicability; description of the builders' paper and roofing felt subcategory.

The provisions of this subpart are applicable to discharges resulting from the production of builders' paper and roofing felt from wastepaper.

§ 431.11 Specialized definitions.

For the purpose of this subpart:

(a) Except as provided below, the general definitions, abbreviations, and methods of analysis set forth in 40 CFR